



## New company connects grads and start-ups

**STANFORD SCHOR**  
Editor-in-Chief

Though we may attend a prestigious, high-powered university, a Caltech student's success in the world of entrepreneurs is far from certain in today's less-than-ideal job market. Similarly, start-ups and fledgling businesses in economically distressed regions throughout the United States have an increasingly difficult time rounding up the sort of highly educated and motivated talent that they require.

In response, Brown alum and Columbia Law School graduate Andrew Yang created Venture for America, an organization dedicated to connecting recent graduates to start-ups in struggling cities. His goal: "to create 100,000 US jobs by 2045."

Inspired by Charlie Kroll, a fellow Brown alum and successful entrepreneur in Providence, and mirroring the Teach for America program, Venture for America provides a fellowship for "top graduates" to receive training at the Venture Fellow Summer

Institute at Brown University as well as job placement for two years at a start-up or early-stage company in Detroit, New Orleans, or Providence.

With major media presences detailing the ailments of both Detroit and New Orleans, it is easy to think of Providence as an odd choice to include in this group. However, Yang assured interested parties that this is not the case. Though its close proximity to Brown University was a factor in its selection, Yang noted "Providence has around an 11% unemployment rate and so, like the other two cities, it too is struggling."

Applicants to Venture for America are run through an extensive selection process, complete with the usual recommendations, transcript, and resume requests, as well as a first-round phone interview followed by a full-day interview "which includes completing a problem solving activity, participating in a group discussion, and interviewing with Venture for America Board Members."

If they're lucky enough to make it through all that, they'll become a

part of an experiment that aims to create successful entrepreneurs in low-cost cities. They'll even have a

something started...they wanted a way in but didn't know how to find one," stated Yang.

start-up is invaluable in comparison to a much larger company, since "If you want to be a chef, you need to work alongside a chef, not with a company that sells things to restaurants."

According to Yang, students of any field and major can stand to benefit from this experience; placement is available at both technical and non-technical companies.

He cautioned, though, that if one wishes to commence down the start-up path, it's essential that they do it earlier rather than later.

Using his own experience as an example, Yang mentioned that the transition from law to entrepreneurship was not an easy one and that he essentially took two years to alter his legal education to a business mindset.

At the same time, while running his own company he discovered how hard it is to hire qualified graduates while competing with much larger corporations.

He eventually became familiar with the Teach for America program and marveled at its successes in getting highly-talented new graduates to areas of need. Yang even met a Caltech alum involved with Teach for America and decided that if such a program could pull grads into ailing schools, it might also be capable of placing them in fledgling start-ups.

Yang himself is no stranger to entrepreneurship. Beginning as an Associate in Banking and Mergers and Acquisitions at the law firm Davis Polk and Wardwell, Yang found that a career as a lawyer was not a good fit. He left the firm to

found a dot-com that rose and fell during the internet bust, went on to become Vice President of Business Development at a mobile phone content management company, followed by Vice President of MMF Systems, a healthcare software company, and finally became President and CEO of Manhattan GMAT before it was bought out by Kaplan and the Washington Post.

It was during this extensive experience in the business world that he realized the necessity for a program like Venture for America. "I encountered many budding entrepreneurs who wanted to get

chance at acquiring a 100,000 dollar prize in seeding investment. At the end of the two-year program, the Fellow who has outperformed all others during his Fellowship will receive the prize, which can be used to found a personal venture or to bolster the Fellow's current start-up.

Yang realizes that this may be a hard sell for many students who will be receiving offers of a stable job with large, established companies.

Yet, he is confident that the allure of being part of a start-up will help draw in talented minds.

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Yang himself is no stranger to

## Food with Mannion!

*Do you like eating food?  
How about free food at nice restaurants?  
Ever want to tell the world exactly what you think of said food?*

*The Tech will be beginning a new column to chronicle the foodie experiences of new writers every other week... The Catch: They'll be going head-to-head with Tom Mannion who will be reviewing the same restaurant. If you have ever thought you were more of a gourmand than our resident master chef, now's your chance to prove it!*

*Email us for a spot on the list at [tech@caltech.edu](mailto:tech@caltech.edu)*

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## Write articles for the Tech

**get paid up to \$30**

The *California Tech* congratulates new freshmen on their placement in one of the eight fine Houses at Caltech.

Congratulations as well to the upperclassmen for yet another successful round of Rotation.

Get ready to get to know your new House and gear up for a(nother) great year at Caltech!

## Feynman teaching award nominations

### NOMINATE YOUR FAVORITE PROFESSOR FOR THE FEYNMAN TEACHING PRIZE!!!

Here's your chance to nominate your favorite professor for the 2011-12 Richard P. Feynman Prize for Excellence in Teaching! You have from now until January 2, 2012 to submit your nomination package to the Provost's Office to honor a professor who demonstrates, in the broadest sense, unusual ability, creativity, and innovation in undergraduate and graduate classroom or laboratory teaching.

The Feynman Prize is made possible through the generosity of Ione and Robert E. Paradise, with additional contributions from an anonymous local couple. Nominations for the Feynman Teaching Prize are welcome from faculty, students, postdoctoral scholars, staff, and alumni.

All professorial faculty of the Institute are eligible. The prize consists of a cash award of \$3,500, matched by an equivalent raise in the annual salary of the awardee. A letter of nomination and detailed supporting material, including, but not limited to, a curriculum vitae, course syllabus or description, and supporting recommendation letters

should be directed to the Feynman Prize Selection Committee, Office of the Provost, Mail Code 206-31, at the California Institute of Technology, Pasadena, California, 91125. Nomination packages are due by January 2, 2012.

Additional information including guidelines for the prize and FAQ may be found at <http://provost.caltech.edu/FeynmanTeachingPrize>. Further information can also be obtained from Karen Kerbs (626-395-6039; [kkerbs@caltech.edu](mailto:kkerbs@caltech.edu)) or Stacey Scoville (626-395-6320; [staceys@caltech.edu](mailto:staceys@caltech.edu)) in the Provost's Office.

# Solar Dec. team places 6th with CHIP

**SARAH MARZEN**

Copy Editor Emeritus

On a cold and rainy October 1st in Washington, D.C., a group of Caltech engineers and SCI-Arc architects waited anxiously in a tent on the side of the West Potomac for the results of the Solar Decathlon competition. Over the course of the seven day competition, their house had moved up from 11th out of 19 teams to 3rd as of that morning, primarily based on their superior energy efficiency and engineering scores. If SCI-Arc/Caltech's entry had scored decently well in the market appeal contest, they had a pretty good chance of nabbing third place overall and a spot on the final podium.

"In third place," said the announcer, "is New Zealand!"

New Zealand's home was a pretty beachfront home whose engineering team had slightly edged out Caltech's flashy SmartHome-like features to win first place in the engineering contest earlier that week. But they had been four points behind CHIP (SCI-Arc/Caltech's entry) that morning.

"In second place," said the announcer. CHIP's lead engineer and one of its Project Managers, recent Caltech graduate Fei Yang, knew that it was second place or bust.

There was a small chance that Purdue had bombed the market appeal contest, which would have

team stormed the stage chanting "boilermakers". They then taught the crowd how to chant with them.

Maryland's elegant "Watershed" home easily took first place, and the disappointed Caltech/SCI-Arc was left wondering what had happened. How could CHIP, the house that they had spent two years designing and building in anticipation of this moment, have lost so many points on "market appeal"?

## What is CHIP?

Two years ago, then-Caltech junior Fei Yang and then-Caltech junior Richard Wang were President and Vice President of Engineers for a Sustainable World (ESW). They wanted to look for a big project that ESW could participate in, and noticed a new Department of Energy competition called Solar Decathlon. Undergraduate teams designed and built a solar home, which was then shipped to Washington, D.C. for final judging.

There was only one problem--neither Yang nor Wang had any idea how to build a home. They needed to find some architects.

While Yang was studying abroad at Cambridge during the 2009 fall term, Wang sent emails to architect students at UCLA and USC.

He received no response. Finally, two SCI-Arc students (now Project Managers Elisabeth Neigert and Reed Finlay) reached out to

partnership was born. SCI-Arc is one of the nation's premier avant-garde architecture schools. According to the CHIP website, it has a reputation for pushing the boundaries of architectural fields.

Together, Caltech and SCI-Arc created a house that pushed the envelope in almost every way, said Yang.

SCI-Arc architects completely turned the conventions of a house on their head by designing a one-room, multi-level, non-box-like structure that carried its insulation

## Market Appeal

One man visiting the house asked a SCI-Arc/Caltech team member jokingly, "Did you draw inspiration from Star Wars?"

To the Solar Decathlon visitors, CHIP was "very cool" but "like a studio" and very unusual--puffy, angular, tilted, with just two large windows on either side of the structure.

To the judges of Solar Decathlon, CHIP was a marvel of engineering with unconventional architecture.

"unique thermal envelope design" was the same recyclable white vinyl-covered insulation that made it look like a puffy white Star Wars ship. The 15 degree tilt of the house, optimized for solar energy generation at D.C.'s latitude, was deemed "hard to build" by the judges.

In fact, CHIP didn't just post average scores on "Market Appeal": CHIP bombed "Market Appeal", landing in 17th place, pushing the SCI-Arc/Caltech hopefuls from 3rd to 6th overall.

The judges comments on the "Market Appeal" scoresheet were a reflection of the unusual features of CHIP. They thought that the entirely student-built house was "poorly constructed" but that it would be hard to build for a typical construction company. They had awarded CHIP 3rd place in the "Affordability" contest, but deemed CHIP's \$262,495 price tag "too high" for its target consumers, a young environmentally-conscious California couple.

"[CHIP] has the potential of becoming iconic in its narrowly defined market," wrote the judges.

Meanwhile, the "Market Appeal" contest seemed to reward entries that looked like normal houses over entries that completely re-imagined architecture conventions. Belgium's entry, a gray "E-Cube" with adjustable interior space, placed 18th in

"Market Appeal". At the final Solar Decathlon team dinner, they pointedly thanked all the teams that designed houses for the sake of innovation, and not just for the sake of winning the competition. The tent exploded with applause from all of the teams who had been docked points for their non-conventional ideas, especially SCI-Arc/Caltech.

"In order to win this competition, we would have needed to make compromises we wouldn't have wanted to make," said one SCI-Arc student.

In other words, SCI-Arc would have needed to design a much more conventional house for today's market. Instead, they designed CHIP, a house that looks like it might be an iconic solar house in the future.

If kids' reaction to CHIP are any indication of the future housing market, then CHIP has a bright economic future ahead of it. Children stared, transfixed, as SCI-Arc/Caltech members turned lights on and off just by pointing at them.

"Kids especially love this house. It's fun and exciting, and they just love to explore," said Yang. But he admits that "some people cannot accept this design. It's too radical." The California Tech congratulates the SCI-Arc/Caltech team on its strong finish.

Children stared, transfixed, as SCI-Arc/Caltech members turned lights on and off just by pointing at them.

on the outside. Caltech engineers added all sorts of custom-made sci-fi-like features to CHIP, including software to control temperature and humidity. One of Caltech's flashiest additions was a reconfigured Xbox Kinect that enabled the team to turn off CHIP's lights just by waving and pointing.

Two weeks ago, the SCI-Arc/Caltech team finished deconstructing a house that they had designed and built for two years. They broke it into four parts,

According to the official press release from the Department of Energy, judges praised CHIP's "forward-thinking control system with ultimate user interaction and its unique thermal envelope design." For example, Caltech engineers custom-designed an iPad app to centralize control of everything in the house, in addition to their futuristic Xbox Kinect.

But some of the same advances that won CHIP 2nd in "Engineering" and "Home Entertainment" and



CHIP's futuristic look may not have won over the judges, but it has the potential to define a future generation of energy-efficient housing.

- www(chip2011.com)

pushed New Zealand into third place and CHIP into second.

"In second place is Purdue!" said the announcer. The Purdue

ESW because they were looking for some engineers to help them with their Solar Decathlon entry. And thus, the SCI-Arc/Caltech

shipped it across the country, and reconstructed it one day late for the Solar Decathlon competition in Washington, D.C.

1st in "Energy Balance" and "Hot Water" led to disappointing scores in "Architecture" and "Market Appeal". CHIP's cost-cutting

# Caltech Couture: One student's take on fashion

**ALEX LANGERFELD**

Staff Writer

Being around campus, I've observed that we are divided into two camps: one that, well, just doesn't seem to care much for how they look, and the other that obviously does care. Last week I focused on the former so this week I'll focus on the latter. Hopefully, the camp that cares has increased in size!

So, alright. You do care about your appearance. Good! What next? I think the next step is to evaluate yourself. Look in the mirror and be completely honest.

Do you see some cottage cheese? That's fine. Just perhaps avoid mini-skirts, or if you absolutely want to wear one, add some cool-printed tights or leggings (by the way, they're pretty popular right now)! Do you have nice arms? Then show 'em off!

Work on fixing your weaknesses and in the meantime underestimate them while emphasizing your strengths. If you're your own most honest and harshest critic, then there will be nothing left for others to do but compliment you!

There are many events coming up this year, ranging from formal dinners to Interhouse parties.

First, these are occasions to dress up!

Second, they are not all the same type of occasion and therefore call for different styles. I've observed that often it is guys who don't realize that they should snazz things up and it is the girls who overdo it or miss the mark.

Guys, if you're going to an event, roll down your knee-highs, take off the high-waisted khaki shorts, put on some properly fitting pants and bust out a flattering shirt!

And please, please, please, take off those running shoes! For a formal dinner, it's a suit. Practice wearing one so that you don't look awkward.

Oh, and before you put on a button-down, make sure it's ironed.



Sophomore Omaz Mezenner is clearly part of the camp that cares how it looks.

- Jonathan Schor

Party time? Well, wear whatever gets you into the party mood! Also, learn how to tie a tie, you can practice by tying it around your knee.

Hint 1: If you know what cuff links are and you have them, wear them. Same goes for tie clips and

guys, if you know how to make your hair nice, do it. Add some pomade, part your hair, anything, grooming is not just for girls!

Hint 2: I think that collars are an instant extra ten brownie points. Collars make you look cleaner, more masculine, and

they accentuate your upper body physique.

Hint 3: Although many of you swear that your gender never notices girls' shoes and purses, remember that girls can't help but notice the details of what you are wearing. The pressure is on!

# Letter to the Editor: Complaining doesn't help

**WESLEY SWANK**

Editorialist

At Saturday's tough home loss for men's soccer to Pomona, I had a lot of things on my mind—why did that shot go in, why am I not a foot taller, where the hell did that through ball come from—but, remarkably, none of these revolved around the relatively small number of fans in the bleachers. This was partially because I'd gotten used to it, but mostly because I had more important things to worry about, as did the other ten Caltech players on the field.

We were there to do our job, play the game we loved, and try to get a home victory against Pomona for the second year in a row. Apparently not everybody involved in Caltech

athletics shares that attitude, our otherwise awesome Tech sports editor included. For some people, the chronically low audience for Caltech sporting events, and I quote, makes them wish they "went to a real school".

In fairness, they went on to point out that at a small school like Caltech, small crowds are to be expected. Yes, few Caltech students have ever gone to a home game to cheer on their team. But what the hell did our editor expect to accomplish by going into histrionics over it? Honestly, I'm just impressed and thankful that anyone shows up at all. With a long and distinguished record of repeatedly getting our asses handed to us, our athletic teams don't inspire a whole lot of confidence

or, by extension, loyalty. Even if our friends had nothing better to do, it wouldn't be hard to see why they might get discouraged at the prospect of going out to cheer on their buddies through another losing battle.

But do they ever have other things to do. This is Caltech, goddammit. When crazy people like me devote even a pretty amateur amount of our time to our sport, we suffer for it. Sometimes our all-nighter afterwards to get a set done goes to eight instead of five the next morning, or we get to hobble around campus for a few weeks on an injury from practice. Since plenty of people don't or can't make those sacrifices, getting on their case for not dedicating free time they don't have to coming

and watching us play is not going to generate a positive response. And, as Amol pointed out, we have lots of student-athletes—how much free time are they going to have to come watch other sports play? Amazingly, plenty of them do anyway.

What bothered me more than the critique of the few fans we have was the attitude underlying the whole article. What sort of "real school" does Amol pine for, exactly? The type where boozed-up, braindead fratboys come to any sports game to have another excuse to drink? A state school where student-athletes are all athlete and no student? A college with a bigger population than my hometown where people don't even personally know the players they're cheering for? Hell,

a school with a better mascot than a woodland rodent?

Okay, I'll concede the last one would be pretty nice. But while Caltech's athletic department is horribly under-budgeted and doesn't exactly generate big ticket or advertising revenue, I wouldn't give it up for anything.

Imperfect as it is, it's given me the chance to play a sport I love on the collegiate level, which is a lot more than I could expect anywhere else.

If you want to complain about the athletics department, focus on getting us better fields, better equipment and maybe more than three lousy credits for spending 15+ hours a week on our sport, and our friends will show up to watch on their own.

Girls, you seem to have no problem dressing up for an occasion. However, sometimes you take the opposite extreme of the guys and overdo it. A formal dinner is not a night of clubbing. Don't wear stripper heels! (And if you ever do somehow find the dire need to wear them, make sure you can at least walk 20 feet in them without tottering.) Save the ultra-mini rubber-band dress for a night in LA, Hollywood, or for a very crazy Caltech party and save the girly cocktail dress for a date. Also girls, you are no longer four-year-old Disney princesses. You don't have to wear a floor-length gown to a formal event. Wear what flatters you personally.

Hint 4: Are you short? Try some moderate heels – not super-high talons because those will only expose your intention and they still won't make you six feet tall. Go for slimming combinations, as those will elongate your proportions.

Hint 5: Do you have short legs? Wear heels shamelessly, try a higher waist and avoid top-heavy outfits. Maintaining proper feminine proportions is key.

Hint 6: Showing more skin isn't necessarily more flattering. A plain, well-fitting long-sleeved dress can do wonders to your silhouette. If you do show skin, make sure it's well-conditioned and will last throughout the event.

In short, it's the overall impression you make that matters. Imagine yourself seen from a blurred distance. If you look good then, then you're golden. Remember, most guys won't notice that you're wearing a new Betsey Johnson necklace and that your eyeliner is blue. What they'll probably fall for is your look.

So, I've written a lot this week. In the end, what you wear is your decision so don't feel like you must cater to other people's tastes.

Don't take what I've said as a mandate either. Rather, treat it as one person's suggestion. So, happy styling!

# Ayloo reinvisions social networking

**SANDHYA CHANDRASEKARAN**  
News Editor

On September 14, Caltech graduate student Shaun Swanson, along with his high school buddies Mark Cicoria and Mark Johnson, launched a site that is slowly revolutionizing the traditional concept of social networking.

When people first hear the words "social networking", they may develop a nauseating sensation in their stomachs.

The simple fact is that as the world we live in advances technologically, the presence of such sites, apparently designed to bring people closer, instead only buries us with loads of useless and uninteresting information, driving us further apart.

The founders of Ayloo created the site because they "thought the web needs a pull in the direction of choice, accountability, and simplicity when it comes to online communication. [They] are also strong believers in form and function working together to create a harmony that everyone can enjoy and use."

Swanson offers some insight: "Current social networks encourage broadcasting and over-sharing among their membership, and they attempt to connect a lot of their users and content together as quickly as possible. This style of social networking provides a steady stream of content, allowing friends to interact briefly and consistently. This isn't necessarily a bad thing... It's simply not what we're aiming for."

"Really, we don't think of Ayloo as a 'social network'. We think of it as more of a 'conversation network'."

The website home page boldly declares, "Ayloo is a place to have

meaningful conversation with the people you know and the communities you care about," and the features Ayloo implements revolve around this underlying goal.

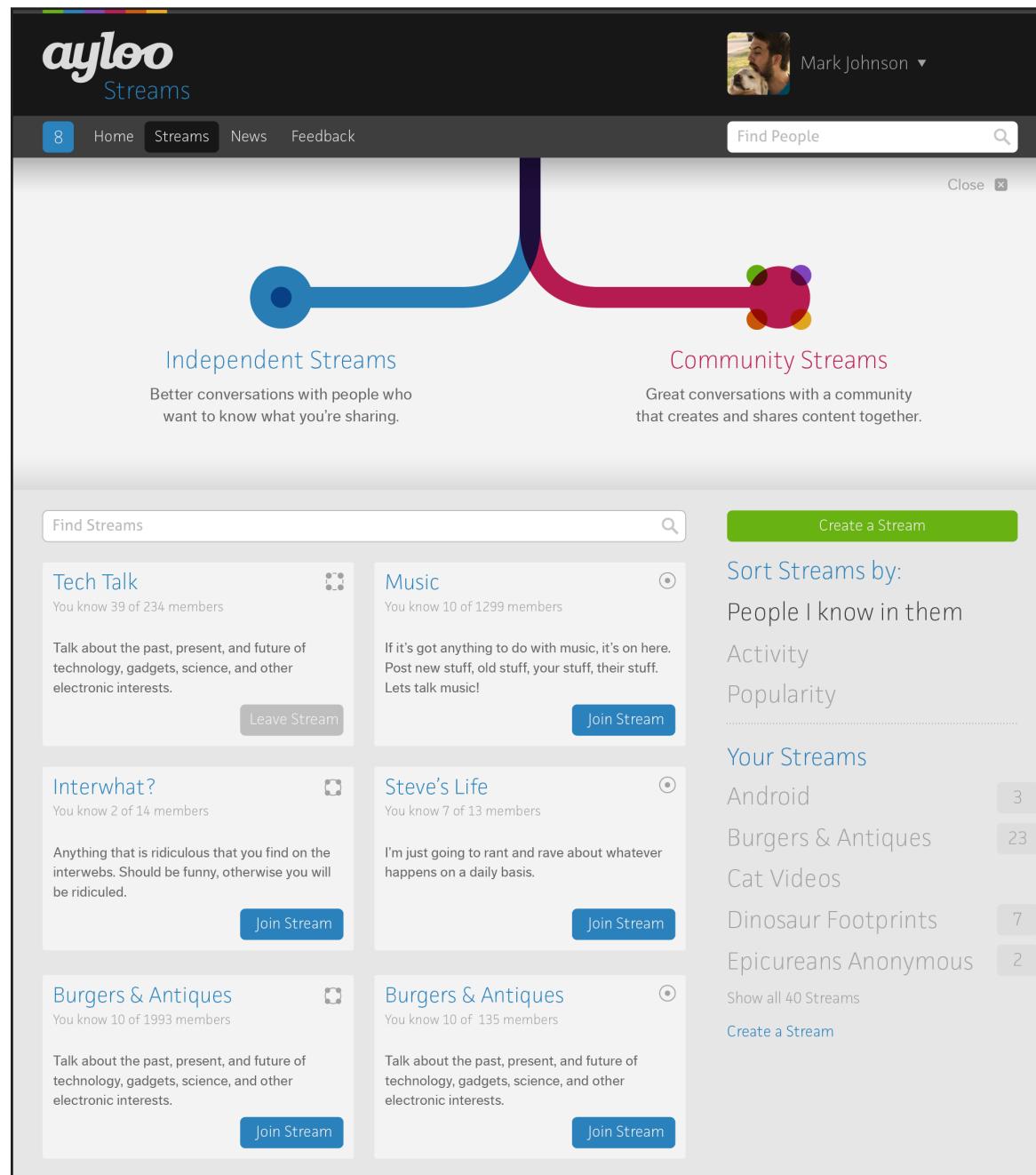
"The Splash!", Ayloo's homepage, highlights five unique aspects of

described Ayloo's plans to evolve: "To develop the network we are envisioning, we'll have to grow systematically by gathering small communities one after another.

"We have already established Ayloo within the Savannah College of Art and Design through our

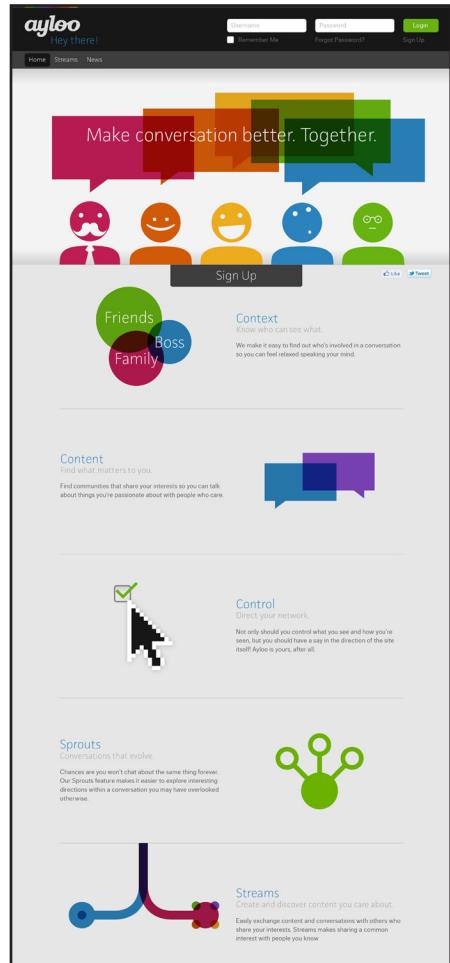
conversation better. Together." The founders "strongly believe in determining the direction of Ayloo through user feedback."

Since Ayloo is such a dynamic environment, "many of [the] current features came directly out of [the] Feedback Lab."



Above: Streams on Ayloo are divided by interest and can be personalized in a variety of ways/  
Below: The Splash!, Ayloo's homepage, is simplistic in its design yet engaging in its visual appeal.

- ayloo.net



this site: content, context, control, sprouts, and streams, each of which add a new dimension to the way people can connect with one another.

Swanson describes, "Our focus is on conversation inspired through the relationships we form, the interest we share, and the communities we build. xwSocial networks [today] make it difficult to tell who can see what, provide an overwhelming amount of content without an indication of what's important to you, and lack the ability for users to control their social life online."

"In our opinion, these three things detract from their ability to host meaningful conversation."

A networking site such as Ayloo is only as strong as its user base. Swanson

private beta launch. We hope to expand through our open beta launch into the student populations at Carnegie Mellon University, UNLV, and Caltech. Ayloo will also serve the expanding Vegas start-up community."

"At this point, we are marketing our network toward content-generators (the blogging community) and community-creators (the forum-going community)... Overtime, however, our initial membership that results from this recruitment will begin to pull people into Ayloo with the draw of consistent, substantial discussion about their interests with communities they enjoy. At the end of the day, we'll have a bunch of people on Ayloo (who either knew each other initially or met through streams on Ayloo) who enjoy the content and people on the network."

Ayloo also places a lot of emphasis on user feedback, even citing its "Aylooites" as its creators. Thus, its mission is to "Make

Upon first glance, Ayloo's 'list' features seem to mirror Google+'s 'circles'; Swanson explains, "The principle that these features really cater to is user control in my opinion (the ability to control who sees your content, what you see, and the direction of the site itself)."

I think current social sites are getting pretty good at allowing you to control who sees your content (such as with 'circles'), but their services can be pretty lacking in the other two areas."

Swanson continues, "One way we really allow you to control what you see is through a focus on communities online. On Ayloo, you join and create 'streams' with the communities and people you want to hear from. Currently on the social web, there's a landslide of often irrelevant and 'shallow' content hitting your eyes daily. With our 'streams,' users can more easily focus their attention on content that is reliably engaging and relevant to certain interests of theirs."

"We do not believe we are in direct competition with Google+, Facebook, or Twitter. "Becoming an Aylooite does not require that you transfer completely away from these existing social networks – people are going to use current social networking to share content quickly with their friends for the foreseeable future. But when they get hungry for more meaningful conversation...we hope they'll come to Ayloo."

Something that differentiates Ayloo from other sites currently running is its "Sprouts" feature, which allows conversation to "evolve organically". Swanson describes, "Sprouts are a way to take a conversation thread in a different direction. If we're engaged in a conversation about New York city and all of the sky scrapers and I get reminded of my favorite monster movie, instead of hijacking the thread or not bringing up something I really want to talk about, I simply 'sprout' another thread which is now open to discuss the new topic (leaving the old thread still going in the initial direction)!"

Swanson assures that Ayloo is quite different from the popular social networking sites that have become so familiar to us. "At Ayloo, our users aren't connected through a 'social graph' as it has come to be defined – we have what's called an 'interest graph,' where people are connected to each other based on their common interests as opposed to having necessarily met in real life."

"And even then, our interest graph plays second fiddle to our network of communities. It's only there when you need it or to help you maintain your communities online."

"While Google+'s 'circles' are the meat-and-potatoes method for communicating between individuals, we use community discussion threads. We've found that dividing content into topical streams seems to have a very positive effect on interactions, possibly because you're actively seeking out topics that are of interest to you."

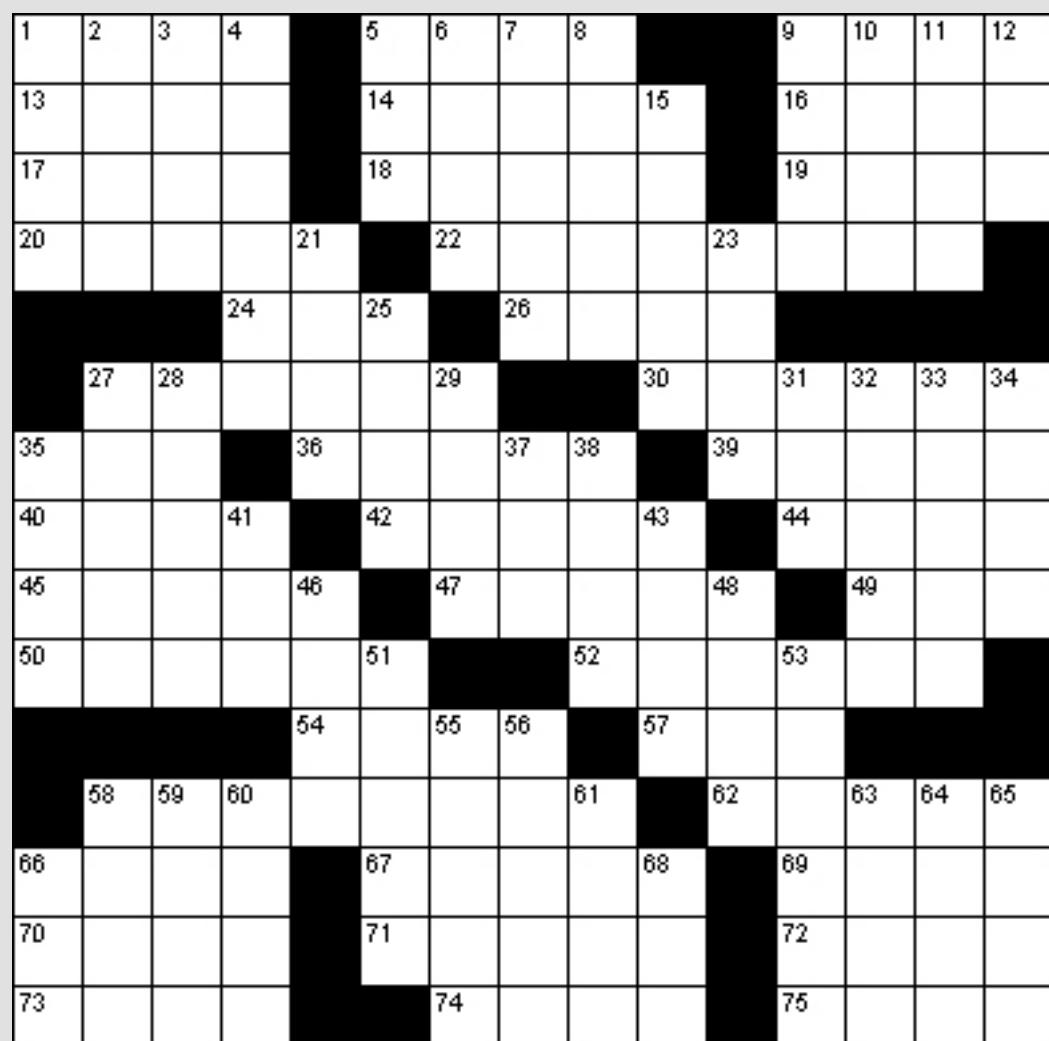
For people reluctant to join "yet another social networking site", Swanson has an answer: "The one-social-site-to-rule-them-all paradigm doesn't exist anymore... And there shouldn't exist just one social site on the web because that one site can't focus on every social need!"

"More likely, people will gather together a collection of social sites that satisfy their needs and we would like to see Ayloo become the go-to site for community-based conversation."

The community invite URL is "ayloo.net/caltech". Signing up through this link is an automatic invitation into the 'Caltech' stream.

So, try Ayloo for yourselves and see where the possibilities of forum networking can take you.

# Today's Puzzle: Crossword

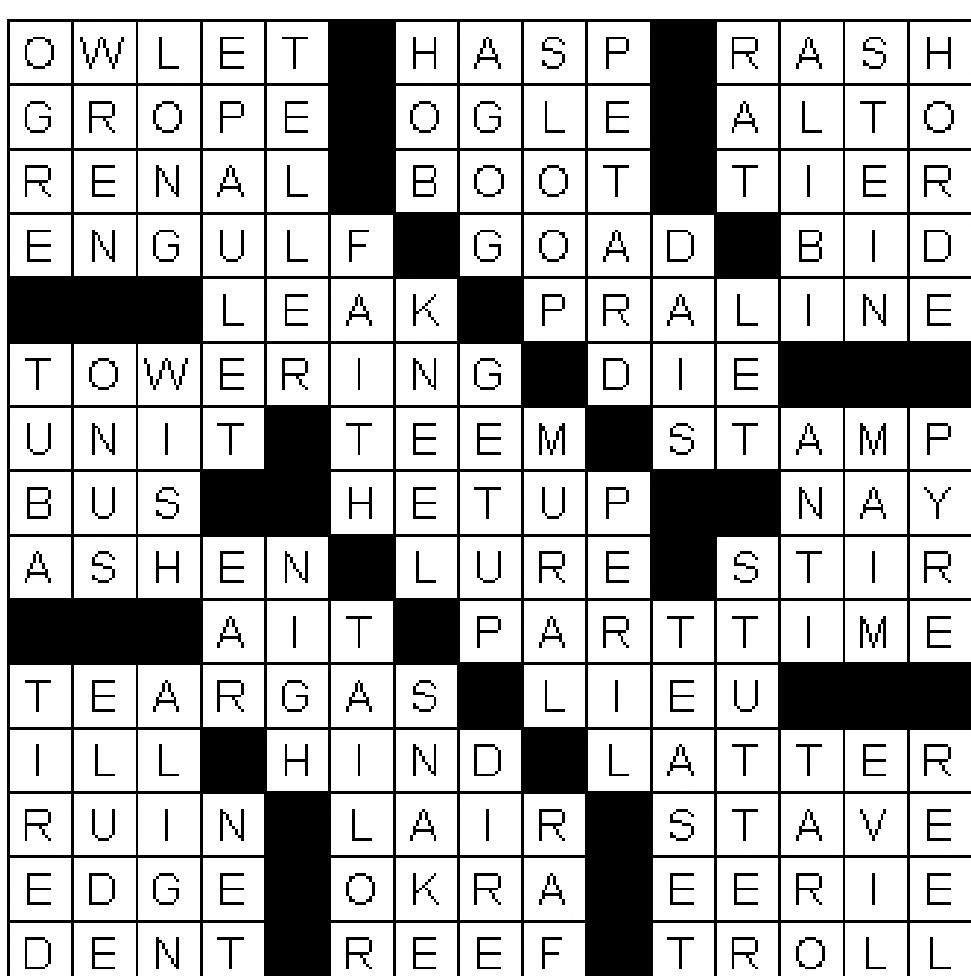


[<http://www.puzzlechoice.com/>]

## Across

- 1. Trudge
- 5. Dreary
- 9. Retail outlet
- 13. Wander
- 14. Warble
- 16. Remuneration
- 17. Part of the Roman calendar
- 18. Play or represent
- 19. Nimbus
- 20. Virtue
- 21. Introduction
- 22. Type of tree
- 23. Additional
- 24. French film festival
- 25. Temper or season
- 26. Place
- 27. Book of maps
- 28. Currency of Nigeria
- 29. Woodwind instrument
- 30. Bird of prey
- 31. Heat up
- 32. Ocean vessel
- 33. Exuviate
- 34. Fish eggs
- 35. Nocturnal wildcat
- 36. One who suffers for the sake of principle
- 37. Sagolike starch
- 38. Novel
- 39. Miserly
- 40. Administer or
- 41. Long fish
- 42. Panache
- 43. Route
- 44. Journey
- 45. Reliance
- 46. Roman XII
- 47. Radical
- 48. Wall painting
- 49. Small opening in the skin
- 50. Long narrative poem
- 51. Orderly
- 52. Post
- 53. Economic prosperity
- 54. Opposing
- 55. Alcoholic beverage
- 56. Possesses
- 57. Travel a route regularly
- 58. \_\_\_ out
- 59. Having three dimensions
- 60. Expiate
- 61. Close violently
- 62. Uncooked
- 63. Personal journal
- 64. Mistake
- 65. Epithet
- 66. Game played on horseback
- 67. In the past
- 68. Shantytown
- 69. Long fish
- 70. Panache
- 71. Route
- 72. Journey
- 73. Reliance
- 74. Roman XII
- 75. Radical
- 76. Wall painting
- 77. Small opening in the skin
- 78. Long narrative poem
- 79. Orderly
- 80. Post
- 81. Economic prosperity
- 82. Opposing
- 83. Alcoholic beverage
- 84. Possesses
- 85. Travel a route regularly

*Answers to last week's crossword from puzzlechoice.com*



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# From the desk of the Sports Editor: “*I respond, but in the sports section*”

**AMOL KAMAT**  
Sports Editor

During my freshman year and first season on the tennis team, I played a particularly tough singles match against La Sierra (as in, not a blowout). I lost the first set 6-2 and felt my energy begin to wane. By the start of the second set, my match was the last still in progress, so a small crowd formed around the court.

I won the next set 6-4 and won the tiebreak 10-8, thus giving the Beavers a 5-4 victory over the Eagles.

I do not recount this story in order brag about my glory days (but seriously, feel free to be super impressed), but, instead, to point out that I seemed to play better when surrounded by fans. While this may not be true for all athletes, I would say a good number of them would agree with me. Sports are popular not just because athletes love to play them, but because people enjoy watching them. If any athlete tells you his or her sport is meant only for his or her enjoyment, then he or she is selfish and probably not a great team player. If the NCAA banned people from viewing intercollegiate games, I am fairly certain there would cease to be an NCAA.

At this juncture, I would like to point something out about my “real school” title. For those of you who know me, have read my other articles, or are even slightly aware of sarcasm in 20th and 21st century literature know that I was joking. Caltech is an accredited school with real intercollegiate sports. I promise. I would also like to point out that if my friends had nothing better to do, they had better show up and support me. That’s what friends do, even, rather, especially if I’m fighting a losing battle.

Additionally, I am fairly certain that if people start showing up to Caltech games, they will not

become boozed-up fratboys (I also take offense to the assumption that large schools only have brain dead fans. Coming from Michigan, I know that the majority of college sports fans are good, wholesome, family-oriented people, but that’s not really the point).

They will still be the same old Caltech students. I simply asked for more Caltech students to support Caltech students. I really do not see the problem in wanting support for the “crazy people” who play Caltech sports. As far as better equipment and fields go, every athlete wants them, I never argued against them. Every athlete wants these things, but I’m also pretty sure most athletes would prefer to have people watching them play on their shiny new fields.

For those who do not, I understand that there could be a crippling combination of fear and anxiety related to large crowds, but that’s what truly makes sports special. It’s the reason why kids dream of being up to bat with two outs in the bottom of the ninth. It’s the reason why golf is still shown on television. It’s the reason why some athletes become legends and others are forgotten. While none of us Techers will likely find ourselves immortalized in sport (unless you believe the hype about this Ben Stiller basketball movie), we can certainly appreciate the true beauty of organized sports. In the end, fans are as important as players: lose one and there’s really no point for the other.

On a side note, I would genuinely like to thank Wesley for a legitimately important response. It brought up several good points that readers will have to decide on for their own. I appreciate any sort of submission regarding sports, as it makes my job much easier. I would also like to thank him for not beating me with a rolled up newspaper like Janis Intoy did upon finding I had used a picture of her in last week’s paper.



At the Caltech vs Redlands home soccer game last week, there were about this many fans cheering on the Beavers. Just to put that in perspective, there were five more goals scored against Caltech than home fans present. Trend?

- Radka Dancikova

## Weekly Scoreboard

### October 1, 2011

Men's Soccer  
at La Verne  
L, 2-1 Final

Women's Volleyball  
vs. Whittier  
L, 3-0 Final

### September 30, 2011

Women's Volleyball  
at Pomona-Pitzer  
L, 3-0 Final

### September 28, 2011

Men's Soccer  
vs. Redlands  
L, 8-0 Final

## Upcoming Events

**OCTOBER 4, 2011**  
**WOMEN'S VOLLEYBALL**  
**AT CLAREMONT-M-S**  
**7:30 PM**

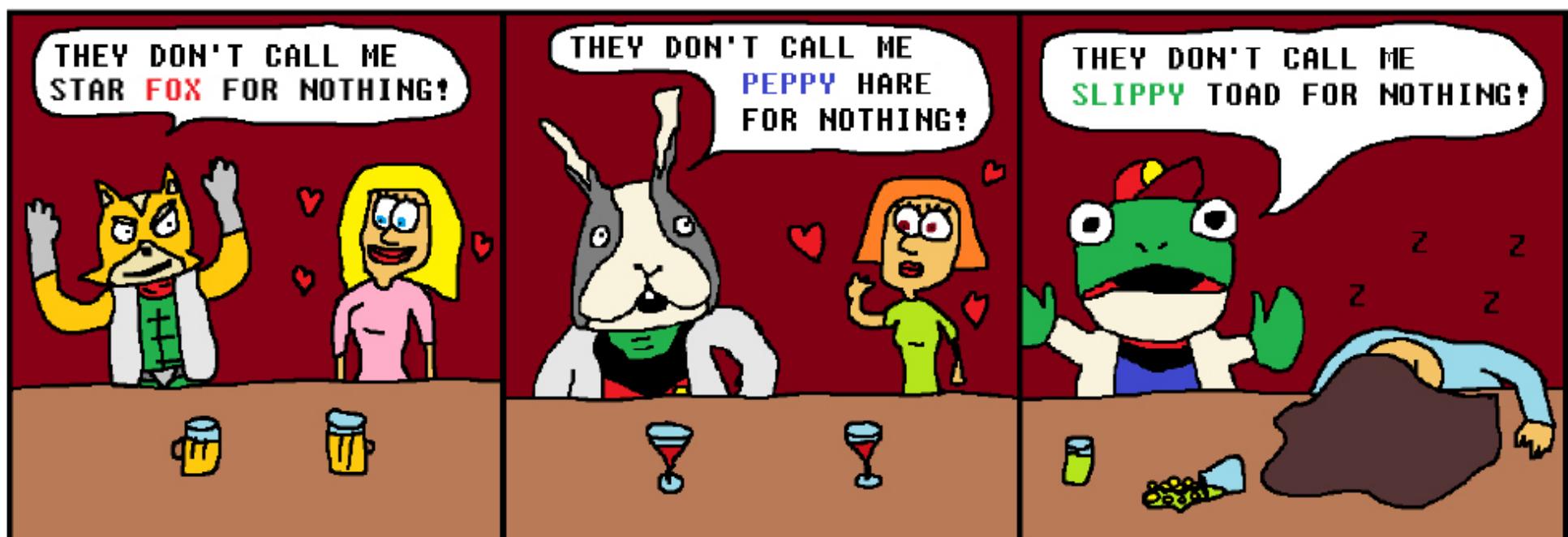
**OCTOBER 5, 2011**  
**MEN'S SOCCER**  
**AT CLAREMONT-M-S**  
**7:00 PM**

**OCTOBER 6, 2011**  
**MEN'S WATER POLO**  
**VS. CONNECTICUT COL.**  
**5:00 PM**

## APPLES AND ORANGES



## STAR FOX AND FRIENDS HIT ON CHICKS



*For more photos, videos, and archives of previous issues, check out the newly revamped Tech website!*

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