

Professor Seinfeld wins 2012 Tyler Prize

KIMM FESENMAIER
Caltech Today Writer

Atmospheric researcher John H. Seinfeld, the Louis E. Nohl Professor and professor of chemical engineering at Caltech, has been named one of two winners of this year's Tyler Prize for Environmental Achievement, an honor regarded as the top prize of environmental science, environmental health, and energy.

Seinfeld was cited by the Tyler Prize executive committee for "his groundbreaking work leading to the understanding of the origin, chemistry, and evolution of particles in the atmosphere."

In winning the Tyler Prize, Seinfeld joins a distinguished list of Tyler laureates, including air quality research pioneer Arie Haagen-Smit, who discovered the source of photochemical smog while working at Caltech. Haagen-Smit was one of three people to be honored with the inaugural Tyler Prize in 1974. Another Caltech researcher, Clair Patterson, whose investigations of the distribution of lead were largely responsible for policy changes that drastically reduced lead exposures, received the prize in 1995.

"When I began doing research on the atmosphere, I read Haagen-Smit's early papers and got to know him," Seinfeld says. "I never would have imagined at that time that the work I would do would someday lead to my recognition with

the same prize that both Haagen-Smit and Patterson received for their work."

Born in Elmira, New York, Seinfeld did his undergraduate work in chemical engineering at the University of Rochester and earned his PhD at Princeton University. He joined the faculty at Caltech in 1967, becoming a full professor in 1974 and the Nohl Professor in 1979. He served as Executive Officer for Chemical Engineering from 1974 until 1990 and was chair of the Division of Engineering and Applied Science from 1990 until 2000.

Early in his research, Seinfeld realized that in order to make progress in terms of controlling smog, a comprehensive model of the atmosphere was needed. In the early 1970s, he created such a mathematical model of the Los Angeles atmosphere—the first model ever created of an urban atmosphere.

Today, the Clean Air Act requires states to use such models to guide their planning for air-pollution control.

Over the course of his career, he has contributed greatly to our understanding of the tiny but important particles in the air, known as aerosols, which have human health effects and play a role in Earth's climate.

Seinfeld published a seminal paper in 1979 describing the thermodynamics of aerosols containing inorganic constituents, showing how the particles



today.caltech.edu

respond to changing conditions in the atmosphere.

He also revealed the role of organic species in aerosols and the process by which vapor molecules become incorporated into particles. Today, his work continues to focus on large questions such as what effect aerosols have on cloud

formation. Seinfeld is a member of the National Academy of Engineering and a fellow of the American Academy of Arts and Sciences. Among other distinctions, he has won the American Chemical Society's Award for Creative Advances in Environmental Science and Technology in 1993;

the Fuchs Award, the highest award for research in aerosol science, in 1998; the Nevada Medal in 2001; and the Stodola Medal from the Swiss Federal Institute of Technology in 2008. He has also received honorary doctorates from the University of Patras, Carnegie Mellon University, and Clarkson University.

The John & Alice Tyler Prize for Environmental Achievement was established in 1973 and is administered by the University of Southern California. Awardees are selected by an executive committee.

Seinfeld and Kirk R. Smith, professor of global environmental health at UC Berkeley, will share a \$200,000 prize and will be given gold medallions at an award ceremony in Los Angeles on April 27.

“...he (Seinfeld) has contributed greatly to our understanding of the tiny but important particles in the air, known as aerosols, which have human health effects and play a role in Earth's climate.”

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News briefs from around the globe

Helping readers burst out of the Caltech bubble

Need to know

< **100** words about the world this week – topics sorted from good to bad

by Sam Barnett – links to full stories available at barnett.caltech.edu/news

Stocks gain strength	▲ 12% rise in the S&P 500 this year – best 1 st quarter since 1998	[CNN]
Major stride for US labor	29 states saw unemployment fall – joblessness rose in only 8 states	[CNN]
Miami rallies for justice	> 1,000 people demand action regarding the killing of Trayvon Martin	[AP]
Eurozone bailout funds	€ 800 billion after recent meeting – increased from €500 billion	[BBC]
Austerity in Spain	€ 27 billion in budget cuts – thousands protest in Barcelona	[BBC]
Russian plane crash	11 survivors out of 43 on board – 15 th plane crash in Russia this year	[BBC]
Military coup in Mali	21 years of democracy reversed – neighbors threaten sanctions	[NYTIMES]

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

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Write articles for the Tech

get paid up to \$30

ASCIT Minutes

February 26, 2012 by Laura Santoso

Officers present: Chris Hallacy, Mario Zubia, Michelle Tang, Laura Santoso

Late: Margaret Chiu, Diego Caporale

Absent: Laura Conwill

Guests: Arman, Maysam (from the Friends of Iranian Culture at CIT)

Funding Requests

1. Nowruz Celebration 2012-Iranian New Year (FICCIT): Will celebrate Saturday, March 24 in Ramo Auditorium and Dabney Lounge.
– VOTE PASSED: will pay \$25 for each undergrad that shows up.

SFC Reports

1. Commencement Committee (Hallacy): Reviewing the Fleming red robes, because they've considered it an issue in the past. Are okay with people wearing house stoles, but they don't like the robes. Talking to current Fleming seniors about it.

President's Report

1. North House AC: Meg, is leaving next Wednesday (she's taking another job). Dustin Summy, the Ruddock RA, will move into her apartment in Page and help out there.
2. ACs in general: Dean's office is trying to redefine the AC position. Will be hiring a new AC to replace Meg, with a committee with students.

Officer's Reports

1. IHC (Laura Conwill)
 - a. New Ricketts President: is Sebastian Rojas (Seabass).
 - b. Rotation: Both the old and new IHC met today (Sunday, 2/26) discussing options on what to do. Recall that they are considering a four-day rotation.
2. Director of Operations (Diego)
 - a. SAC rooms: cleared up the miscommunication regarding the alumni phone room.
 - b. Yearbook committee: trying to revive the yearbook culture at Caltech. They had a dinner the other day for people interested in working on yearbook. Figuring out if we can get past financial issues to designate a SAC room to Big T.
 - c. Club mailing lists: trying to update the big club mailing list so that only presently active clubs are on it.
3. Social Representative (Michelle)
 - a. Intercollegiate party: shooting for April 21. Will be spread on the RF courtyard, Olive Walk, and south end outside Winnett. Looks like it might just be Harvey Mudd and Caltech.
4. Secretary (Laura)
 - a. Olive walk board: getting pictures of the new presidents for the board.

Techers should watch out for phishing

PO KU
Caltech Alumnus

Be very wary of who you friend on Facebook these days. I average about 5-6 phony friend requests a day now. I was getting a few unknown requests months ago, but the daily annoyance of people claiming they have or are in fact going to the California Institute of Technology started late last month.

I remember the good ol' days of Facebook in 2004 when you needed an email address of a prestigious school to even create an account. Yes, Caltech was one of the first exclusive members of the collegiate social networking site that started it all. As a general rule, I do not add people unless I have met them in person and remember talking to them.

These friend requests are attempts at phishing. Phishing is a way of attempting to obtain usernames, passwords, and credit card details by masquerading as a trustworthy entity in an electronic communication.

This is normally done by email spoofs or instant messaging, where the victim is directed to a fake website whose look and feel are almost identical to the real one and which is set up to steal financial information and passwords. The term originated in the mid-90s as a variant of fishing, alluding to the use of baits to lure potential victims to bite on a malicious link or attachment in order to steal their identities.

The goal of these scammers is to start a conversation with you in which they ultimately ask to borrow cash.

They may claim to be stuck in a foreign country where they just got robbed and are in need of plane or other tickets.

People post so much information about themselves on Facebook now that it's become pretty simple for a hacker to pretend to be one of your friends.

I'd be especially wary if you make your phone number available to friends. Just a quick Google search of "phishing Facebook friend requests" will pull up blogs and articles that feature attempted scams.

Thankfully we go to a very small school, so you should really know and interact with the people who do go here and who may friend you.

Phishers don't realize this, though, and keep trying to

add real Caltech students. At first, I looked up the names of those friending me on donut's directory to see if they were indeed Caltech students.

None of them appeared when I searched. In fact, sometimes the picture would be of some famous celebrity like Megan Fox, and the game would be up very quickly. Particularly disturbing, however, was the person who managed to

obtain a photo with one of my real friends.

She claimed to be the other girl in the photo, whom I did not recognize, yet she did not have my friend as a mutual friend and, in fact, we did not share any mutual friends.

Needless to say I deleted her friend request.

If you don't know the person who friended you or there are

no or very few mutual friends in common, save yourself the hassle and delete the request.

If that person really were your friend, he or she would approach you with a "Dude, why haven't you added me yet or accepted my friendship?" Our recent prestige as the number one school on the 2011-2012 Times Higher Education rankings of worldwide universities has likely earned us one

of the top target spots for phishing attempts. Please don't give away any login information whether it's for your email, IMSS account, bank accounts, or social networks.

Now you just have to be able to fend off all the gold-diggers who will come in the class of 2016 because of the seriously misguided slideshow made last August on yourtango.com about the 10 Best Colleges to Find a Husband.

HELP UNDERPRIVILEGED MIDDLE SCHOOL STUDENTS CALTECH INNOWORKS



SCIENCE SUMMER CAMP CALLING FOR STUDENT MENTORS!

APPLY NOW!

Caltech InnoWorks is a student-run club that works to serve students on free or reduced lunch in the local Pasadena area. We will run a free summer camp for these students from Aug. 13-17th, and we need YOU to lead them! Applications can be found at: <http://www.innoworks.org/newinno/joinus.php>. Questions? Contact caltech@innoworks.org!

**MENTOR
APPLICATIONS
DUE: APRIL 27TH**

University admissions need to change

JONATHAN SCHOR
Editor-in-Chief

Unlike many other top universities, Caltech is a relative stranger to claims of so-called “reverse discrimination”—practices that promote racial and gender diversity in admission criteria at the expense of purely meritocratic standards. For an extreme portrayal of this, one only has to read Russell K. Nieli’s essay, “Why Caltech is in a Class by Itself.” Although some of Nieli’s assertions are quite distressing (take, for instance, the statement that Caltech’s very small number of black students is clear evidence that it is a meritocracy), he emphasizes that admissions are based “exclusively upon talent, creativity, and uncompromising academic standards.”

Compare this to universities such as Harvard and Princeton, both of which are facing lawsuits from an Indian-American student who claims he was rejected due to his race, and it looks like we come off scot-free. But although Caltech remains aloof to issues of affirmative action, a glance at MIT’s Tech during the week of February 17 demonstrates the divisive power they can wield within a university.

In the February 17 edition of the newspaper, MIT senior Brandon Briscoe was featured as a guest columnist. His article, entitled “After 150 years, MIT is heading in the wrong direction with affirmative action,” was met with an outpouring of responses,

both for and against, and from both students and administration members. To summarize, Briscoe advocated an end to affirmative action policies, which he claimed were not based on “merit and true equity, fairness, and inclusiveness.” Respondents ran the gambit from applauding Briscoe’s point of view, to leveling claims of racism, sexism, and a sense of “white male entitlement.”

It would be very easy for Caltech, having little connection with the outcry, to simply turn a blind eye to the Briscoe debacle. It would be just as easy for Caltech to become more assured in its stance on admissions, and assume that our lack of controversy indicates that we have selected the “right” method for admitting students. The truth is, though, we are far from settling upon the perfect scheme for college admissions. Instead, we’ve simply provided a counterbalance for universities that practice affirmative action.

Namely, schools such as MIT strive to provide ethnic diversity before pure meritocracy, while Caltech does just the opposite. Neither school’s system is fair to certain groups of applicants, but together they form a better, though inherently imperfect, scheme for admissions.

What is needed is a middle ground between the two systems, one that does not hurt more qualified applicants in the majority, or disregard disadvantages of ethnic minority groups in the application process. How does

one do this? To start, we need a better metric for judging how well a student has performed relative to the resources provided to him or her. Race, though justified through reasonable arguments, is an indirect attempt to remedy the true problem: disparities in social class, though correlated with race, are not entirely dependent upon it.

To understand the shortcomings of merely using race when deciding whom to “boost” in the application process, we go to college admission in India. Just like the US, India has a past plagued by discriminatory practices, in this case due to the caste system. Their solution in 1979 was to establish the Mandal Commission, which recommended reserving more slots in public universities for “Other Backward Classes” (OBCs) (lower castes).

Ironically, the only member of the Mandal Commission that was also part of an OBC refused to sign the document, worried that wealthy OBCs would monopolize all of the benefits for themselves. And when Prime Minister V.P. Singh attempted to implement the recommendations ten years later, he was met with nationwide protests, self-immolations by students, and a tension that still exists within India today.

It’s my belief that such an extreme response will never be seen here, but we’ve certainly sown the seeds of unrest by remaining satisfied with an imperfect system for affirmative action. My worry is analogous to that of the dissenting member

of the Mandal Commission: wealthy and privileged minorities will overshadow those whom affirmative action is meant to aid in the admissions process.

Why would this happen with our current system? Take two minority students with similar academic potential, but who come from different economic backgrounds.

The wealthier student will have access to better schools, teachers, and resources, likely giving him better stats when it comes time to apply to colleges. For arguments sake, we will say that the less wealthy student did not have access to nearly as many resources as the wealthy student, but only performed slightly below him academically.

It should be simple to see that the less wealthy student is a better choice for the college (his academic performance relative to his initial conditions are much greater); however, admissions practices that only consider minority status will overlook this detail.

Certainly this is an oversimplification, and universities do take an applicant’s economic background into consideration. However, the emphasis that is placed upon ethnic status alone may overshadow other, more relevant, aspects of an applicant. Beginning in 1998, the University of Michigan used a 120-point ranking system to determine whether to admit applicants; those who scored over 100 points were guaranteed admission. Under this metric, students who received a

perfect score on the SAT were given 12 points, while students from underrepresented minority groups were given 20 points. The resounding message was that clear signs of achievement are much less important than an uncontrollable product of biology when deciding whether to admit an applicant.

Although the U. Michigan ranking system was struck down in the 2003 Supreme Court Case of Gratz v. Bollinger, its existence is representative of the mindset encouraged among many of our top colleges: ethnic diversity, over almost everything else, is the best method for ensuring a well balanced and productive environment (as well as for correcting against historical biases).

Thus far I’ve spent a very long time presenting the problem, but almost no time discussing any solutions. To be honest, I only have a very general idea of how to fix the affirmative action system and am still busy working out the details. As I mentioned previously, we need a system that corrects for disparities in socioeconomic status rather than differences in race.

It will require an honest appraisal of a student’s resources and how he utilizes them, as well as the degree to which a student has accomplished more than his circumstances might have allowed. This is a daunting task, no doubt, and one that I would like to consider further before offering up any concrete suggestions. Until then, I hope to have at least provided some food for thought.

Introducing two new classes: Improvisation and Playwriting

Improvisation PA 040 April 4-June 6 Ramo Auditorium

Want to laugh? Low-time commitment? Gain confidence speaking in groups? Stress relief! To think quickly on your feet instead of "I should have said brilliant response hours later feeling"? This is the class!

Professor Brian Brophy Wednesdays 7:30-10

For more information contact Brophy@Caltech.edu

This class introduces students to the basic rules, games and performance techniques of improvisation. As the class progresses students ascend to higher levels of creative engagement in low-stress competitive improvisation between multiple improv teams from within the class. Class concludes with a final Improvisation competition open to the public June 6.

Class includes field trips to the top improvisation clubs in Los Angeles Comedy Sportz and the Upstanding Citizen’s Brigade with an introduction to more recent innovations in Improvisation with Caltech grad student Andy Downard, and special guests.

Students will learn to communicate more effectively within groups, to increase their interpersonal mastery over challenging situations and how to transfer skills learned in the class to the everyday flow of life.

http://www.registrar.caltech.edu/syllabi/PA40_1_SP1112.pdf#mytarget

Playwriting PA 040

Saturdays 11-2pm April 14-June 2

TACIT House 275 So. Hill

Professor Brian Brophy Brophy@caltech.edu

Informational first class Wednesday April 4th Ramo Auditorium 7:30

This class is open to Caltech students and Caltech community to develop their own plays/screenplays/monologues while participating in weekly readings of original plays with the playwrights of the scheduled readings. The tangible skills in this process include an approach to play critique, an introduction to the technique and craft of playwriting and the original scripting of their own ideas or adaptation into playwriting/screenwriting format. Students meet every Saturday for readings and with instructor in times to be arranged for instruction, feedback and consultation.

http://www.registrar.caltech.edu/syllabi/PA40_2_SP1112.pdf#mytarget

Musical cancellation lacked proper negotiation

SAMANTHA PISZKIEWICZ
Contributing Writer

Unlike a lot of Techers, I didn't come from a STEM-centered community. I grew up surrounded by artists, musicians, and performers.

As a result, I have a great appreciation for the comparatively small performing and visual arts culture at Caltech, and I was very upset to hear rumors during the chaos of finals week that EXPLiCIT's spring musical had been cancelled.

Members of EXPLiCIT received an email from the EXPLiCIT excomm shortly after those rumors began circulating announcing the suspension of the spring production of Little Shop of Horrors by Dean Kiewiet "citing concerns with student overload and inadequate coordination with other performing arts programs."

Although there may have been a breakdown in communication between EXPLiCIT and other performing arts programs, scheduling issues should be resolvable. There are 10 weeks in 3rd term, 2 of which conflict with midterms and finals.

Assuming the cast would need the first half of term for rehearsals, that leaves 4 potential performance weekends. If conflicts arose, there should have been alternative dates for the musical.

Additionally, EXPLiCIT had already made arrangements to stage the show in Winnett because more traditional venues like Ramo Auditorium and Dabney Hall were booked.

Dean Kiewiet also expressed concerns that those involved in the production would be overloading themselves.

I believe that we undergrads are adults capable of determining how much time we have to devote to extracurricular activities. Rehearsals can eat up a lot of time, but so can sports practices, student leadership obligations, and experiments in lab.

We build dance floors, plan and execute elaborate pranks, volunteer in the community, play instruments, dance, sing, and act—not to overload ourselves but because after wearing ourselves out working for our classes, we want to do something just for fun. Removing outlets for us to have fun threatens our mental health.

So students want to participate in this production, including students who have already committed themselves to a full workload and other

extracurriculars. It is their personal decision to decide if they have the time for it all. Administrators should not be making that decision for them.

I am additionally concerned with the process by which Dean Kiewiet came to this decision. According to a more recent email

permitted spring term, and that the decision was nonnegotiable."

A meeting was scheduled between Dean Kiewiet and the prospective producer of the spring production, however "when undergrads expressed interest in attending, Dean Kiewiet canceled the meeting."

additional expression of student interest in negotiating something by halting communication with students altogether.

Since the original suspension of the production, members of EXPLiCIT and ASCIT have met with Dr. Sargent, other administrators, and members of the Performing and Visual arts department to find a solution.

According to the latest email, the production of Little Shop of Horrors has been postponed until at least this summer, and EXPLiCIT has been given permission to stage a play instead as long as it's production "does not conflict with rehearsals and performances of Carmina Burana," a planned collaboration of the Orchestra and Glee Club. This means "participants in Carmina Burana may not participate in the EXPLiCIT spring show."

Although Carmina Burana is a demanding production, over the last 40 years TACIT and EXPLiCIT have successfully rehearsed and performed 23 musicals in parallel

with Orchestra and Glee Club productions. I don't see why EXPLiCIT must be less ambitious than they have been in previous years because the Orchestra and Glee Club has decided to be more ambitious. Although I appreciate that a compromise has been made and EXPLiCIT will be able to stage a show, the path to this decision suggests that the Deans do not believe we are capable of making our own decisions.

If the two productions would pull from the same pool of performers, overloading some students and detracting from the quality of both performances, as many members of the Performing and Visual Arts departments feared, administrators should not have handled the situation by simply canceling the spring production and declaring the situation non-negotiable.

It obviously could have been negotiated, as it now has been and continues to be. As administrators, the Deans should be acting as moderators in this type of conflict. I'm very disappointed that instead they have been inhibiting students from negotiating solutions that would satisfy all parties concerned.

“

We build dance floors, plan and execute elaborate pranks, volunteer in the community, play instruments, dance, sing, and act—not to overload ourselves but because after wearing ourselves out for our classes, we want to do something just for fun. Removing outlets for us to have fun threatens our mental health.

”

from the EXPLiCIT excomm to its members regarding the state of the production, Dean Kiewiet had actually told EXPLiCIT "neither a musical nor a stage play would be

Frankly, I'm very disappointed that Dean Kiewiet is not more willing to work with students when solvable conflicts like these arise, particularly since he reacted to an

Totem is still looking for submissions!

All members of the Caltech community

are encouraged to submit their art,

photography, poetry, prose, etc. to

totem@caltech.edu by April 7th for a

chance to be featured in this year's

magazine! When emailing be sure to

include your name (or anonymous), title of

the piece, and medium (pencil, digital

photography, etc.) For photography, >200dpi

resolution & .tiff format preferred. If you

have any questions or comments, email

them to totem@caltech.edu

In Other Words

Sam Szufliita

ACROSS

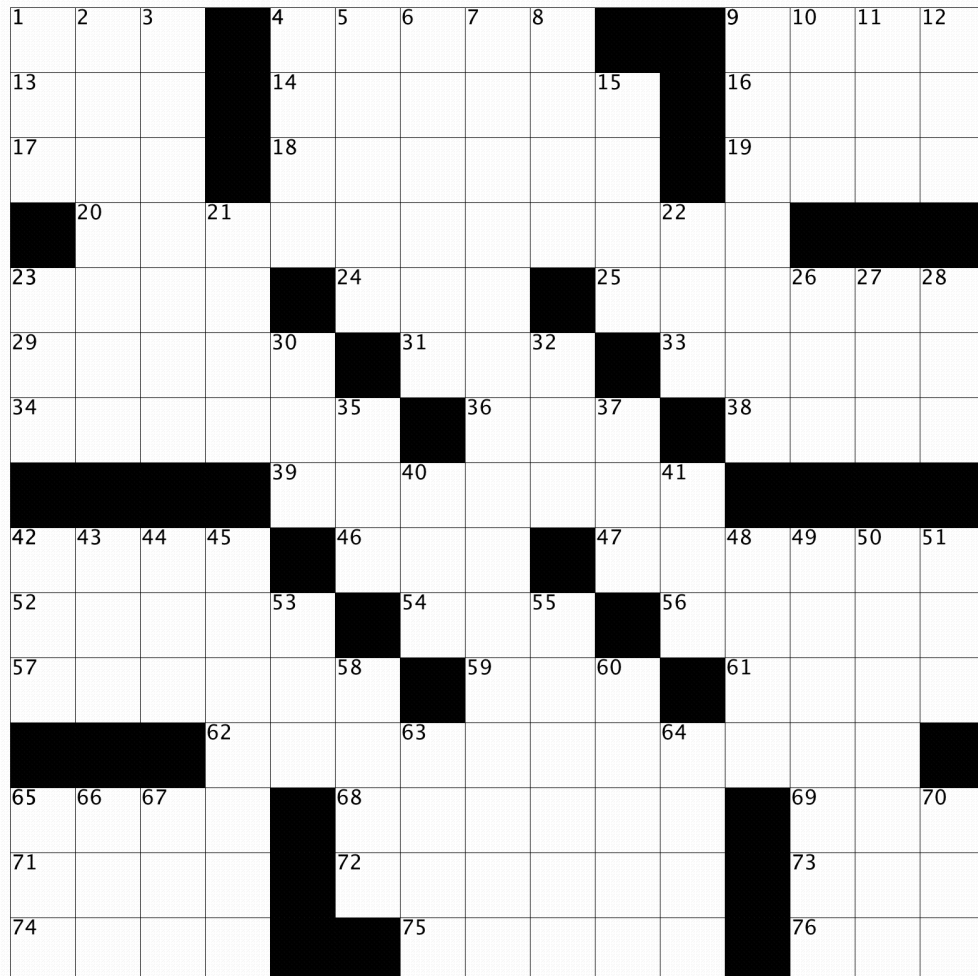
1. What we eat
 4. Cal or Poly
 9. Childish Gambino's debut album
 13. Total
 14. Back streets
 16. Opposite of fire
 17. Mr. Anderson
 18. Flexible
 19. Surrounded by
 20. Experts and hustlers
 23. Owning this is near victory in Risk
 24. Resort type
 25. Flower part
 29. Dwight's produce
 31. Alec Baldwin has hosted it 16 times
 33. Jargon
 34. Pageant sight
 36. Feather holder
 38. Proofreader's remark
 39. Bubble locale
 42. In addition
 46. Cease to be
 47. Boot up
 52. Mop with a sponge
 54. Self fixing memory
 56. North Africans
 57. Cashmere to sandpaper
 59. Glee stare Michele
 61. Length times width
 62. Performance piece about language
 65. Queue's use this
 68. Relationship type
 69. 2006 World Cup winner
 71. Retirement plans
 72. Put up with

73. 100 yrs.
 74. 1996 Best Musical
 75. Half-_____
 76. Milwaukee to Chicago

DOWN

1. Anderson Cooper's home
 2. Anglerfish locale
 3. The eiffel tower has 108 of them
 4. Draws attention to
 5. Fitzgerald or Enchanted
 6. Toast followers
 7. Skull in the sky
 8. Coordinate
 9. Frame
 10. Goal
 11. Medical scan
 12. Mo ending
 15. Halt
 21. Doctors take one
 22. Zip
 23. 6-pack
 26. Drama center
 27. Vest suffix
 28. Place to park
 30. Bach, to friends
 32. Back muscle
 35. Upset
 37. In a ____
 40. Neckwear
 41. Hobo
 42. Buffoon
 43. Bathroom in London

44. How covered you are
 45. Remote station
 48. Lions do it
 49. Leif and co.
 50. Son of Agamemnon
 51. They tap your phones
 53. Re follower
 55. Count
 58. Rush
 60. Alert
 63. Buddhist practice
 64. Phone screen option
 65. Tree type
 66. Anger
 67. Supporter
 70. But suffix



New 3-step process for exiting students

Caltech graduating students are expected to participate in an exit interview process with the Bursar's staff before commencement. This process is designed to inform students of any Bursar's account balance, update information, and address questions students may have regarding their Bursar's student accounts.

Also, if you have received a student loan while at Caltech, this process informs students of their rights and responsibilities, furnishes loan and other fiscal data, and notifies students of federal regulations where applicable.

The new 3 Step Online Exit Process:

1. Receive your Invitation to Exit via Caltech e-mail on April 30

2. Complete the:

- a) Exit Compliance Form attached in the e-mail notification,
 b.) and, if you have a loan, complete the ACS Loan and Direct Loan Online Exit Interviews on the link provided in the Invitation to Exit e-mail.

3. Return all forms to the Bursar's Office :

- a) Completed Exit Compliance Form (All Students)
 b) Completion certificate for ACS Online Exit (If you have a Perkins or Institute Loan)
 c) Completion certificate for Direct Lending Online Exit (If you have a Stafford Loan)

Please note that if you have not received an invitation to exit by May 4th, please visit the Bursar's Office or contact us by e-mail at bursar@caltech.edu or by telephone at 626-395-2988. Also note that transcripts and diplomas will remain on hold until the Bursar's account balance is paid in full. Finally, if you have any questions about the Exit process or forms please contact the Bursar's Office.

Ruth Whitson, Bursar

Caltech baseball team plays three, loses three against Cal Lutheran

from gocaltech.com

After a three week break from SCIAC play, Caltech tangled with #28 Cal Lutheran in a three-game set with the first game in Pasadena on Friday afternoon and the doubleheader hosted by Cal Lutheran on Saturday

Game One – Cal Lutheran 11, Caltech 0

Two bigs innings and solid pitching lifted the Kingsmen to the win in the opening game of the series.

After scoring a single run in the first and third innings, the Kingsmen put a five-spot on the scoreboard in the fifth inning to stretch their lead. The visitors added four runs in the seventh inning to put the game out of reach.

Cal Lutheran, who came into the weekend as the league's top pitching team, held the Beavers hitless until the seventh inning. The duo of Byron Minnich and Jordan Cox struck out eight batters.

Craig Jacobson went 3-for-5 with four RBI's and two runs scored to pace the Kingsmen attack. Nick DeLorenzo tallied a 2-for-4 performance on the plate with two runs scored and an RBI.

Ian Garcia and Brendan Sheehan put together back-to-back hits for the Beavers in game's last inning.

Game Two – Cal Lutheran 10, Caltech 0

The first game on Saturday was similar to the game at Caltech on Friday as the Kingsmen pitching and top of the line-up hitting propelled Cal Lutheran.

Peter Ciaramitaro struck out a season high 11 batters in 5.0 innings of work while holding the Beavers to one hit. Ciaramitaro improved his record to 5-0 this season.

Cal Lutheran's number two hitter Dominick Solley went

2-for-3 with two runs scored Nick DeLorenzo also went 2-for-3 with an RBI and run scored from the number five slot in the line-up.

The home squad scored at least one run in six of the seven innings en route to posting the victory.

Brendan Sheehan produced the Beavers lone hit of the afternoon in the second inning.

Caltech's defense was solid behind the pitching as the Beavers played their third error-free game of the season.

Game Three – Cal Lutheran 12, Caltech 2

In the nightcap the Beavers jumped out to a 2-0 lead after the third inning. A Brian Penserini two-out double scored Albie Lavin from first base to give the Beavers the early lead. The same combo upped the Caltech advantage in the third inning. Lavin opened the inning with a double then scored two batters later on a Penserini single to right field.

The two-run Caltech cushion continued as Lavin held the Kingsmen's bats in-check until the sixth inning. The sophomore gave up just three entering the frame before the home squad exploded offensively. Cal Lutheran put together a nine run inning to chase Lavin and take control of the contest.

An Iggy Wagner inside-the-park homerun in the seventh gave the Kingsmen a 10-run lead and concluded the game.

Aside from Lavin's and Penserini's offensive exploits, Mason Freedman reached base twice by going 1-for-2 with a walk.

Nicho DellaValle and John Leal combined to go 5-for-8 with five RBI's and four runs scored out of the seventh and eighth spots in the line-up respectively.



Sometimes, I just want to wear those water polo caps as a fashion statement

- gocaltech.com



I would come up with a caption for this picture, but "Game of Thrones" is back, so I don't really care.

- gocaltech.com

Caltech women's water polo starts SCIAC action

from gocaltech.com

The Caltech women's water polo team started league with a pair of games on Saturday. The Beavers travels to Claremont-Mudd-Scripps for a late morning match-up before hosting Pomona-Pitzer in the afternoon.

Claremont-Mudd-Scripps 12, Caltech 3

The Athenas jumped out to a 6-1 lead after the first eight minutes and never looked back in grabbing the win. The home squad scored the game's first two goals but a Erin Hoops tally with 4:11 left in the period cut the Claremont-Mudd-Scripps lead in half. However, the Athenas scored the final four goals of the frame.

Claremont-Mudd-Scripps continued their momentum by posting a 4-0 scoring edge in the second period. The Beavers were able to flip the script a little bit in the third stanza by holding the Athenas scoreless and a Hanna Dodd goal was the only goal in the frame. Claremont-Mudd-Scripps, the nation's seventh ranked team,

went into the final eight minutes holding a commanding 10-2 lead.

Back-to-back goals by the Athenas to start the final period rounded out the scoring for the home squad. Caltech final goal of the game came when Caitlin Regan found the back of the net with 3:44 left in the contest.

In addition the Beaver goal scorers, Carly Bond contributed two assists while first-year goalie record nine blocks in her first SCIAC contest.

Pomona-Pitzer 15, Caltech 6

The Sagehens jumped out to an early lead and never looked back in posting the victory. Pomona-Pitzer, who came into the game as the second ranked team in the country, held the Beavers scoreless in the first period while tallying three goals.

After the Sagehens increased their lead to 4-0, Caltech got on the board when Janis Intoy won a scramble in front of the net off a rebounded shot (Goal Video). The Pomona-Pitzer continued to press as they proceeded to score two unanswered goals to go up

6-1. Hanna Dodd scored Caltech's second goal with a no-look over the shoulder goal with 3:30 left in the period.

Even after the impressive score by Dodd, the Sagehens immediately responded to go up 7-2 just 12 seconds later. Caltech's final goal of the first half came when Intoy fired a shot from five meters (Goal Video) with the Beavers on the extra-person attack.

The Sagehens continued to increase their lead by winning the third period scoring 3-1 as they went into the final eight minutes of the game up 10-4.

After Pomona-Pitzer scored the fourth period's first goal, Erin Hoops and Megan Larisch scored back-to-back goals to bring Caltech within 11-6. However, the visitors scored the contest's last four goals to take the win.

Intoy and Hoops each found the back of the net twice while Dodd and Larisch rounded out the goal scorers from the home team. Hoops also contributed a pair of assists while Dodd had a team best three steals.

APRIL FOOL'S EDITION

CALTECH BASEBALL WINS!

**THAT'S ALL I GOT.
ENJOY.**

DR. BRONTOSAURUS, PHD

BY RICK BERTHIST



The Tech editors will be visiting all of the Houses over the next two weeks! We'll be free during and after dinner to discuss the various ways to get involved with the paper, as well as to solicit suggestions and comments concerning our continued coverage of school affairs.

Here's when we'll be visiting each House dinner:

- Monday, 4/2: Fleming*
- Tuesday, 4/3: Lloyd*
- Friday, 4/6: Dabney*
- Monday, 4/9: Blacker*
- Tuesday, 4/10: Avery*
- Wednesday, 4/11: Page*
- Thursday, 4/12: Ricketts*
- Friday, 4/13: Ruddock*

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