



Caltech names six distinguished alumni

KIMM FESENMAIER
Caltech Today

Caltech recognizes six of its graduates with the Distinguished Alumni Award, the highest honor the Institute bestows upon its alumni. This year's recipients highlight the breadth of fields in which Caltech graduates have gone on to become leaders—ranging from cosmology to higher education, and from aerospace to biomedicine.

First presented in 1966, the award recognizes a particular achievement of noteworthy value, a series of such achievements, or a career of noteworthy accomplishment.

The awards will be presented at 11 a.m. on Saturday, May 17, 2014 in Beckman Auditorium on the Caltech campus.

More information about each recipient can be found at <http://connect.caltech.edu/distinguished-alumni-awards-2014>.

JAMES S.W. WONG (PHD '65)

Chairman, Chinney Holdings Ltd.; Honorary Professor of Mathematics, University of Hong Kong

For substantial contributions in mathematics and commercial enterprise. Wong's extensive scholarly research has focused on oscillation theory of differential equations. As an entrepreneur, he transformed his family business



Caltech honors six alumni with the Distinguished Alumni Award: (top row from left) James S.W. Wong, Mary Baker, Paul J. Steinhardt; (bottom row from left) Richard K. Miller, Richard H. Scheller, David E. Chavez.

-Caltech Alumni Association

into a leading international investment company.

MARY BAKER (MS '67, PHD '72)

President, ATA Engineering, Inc.

Pioneering entrepreneurship and leadership in aerospace. Baker founded ATA Engineering Inc., a prominent, employee-owned provider of analysis and test-driven design solutions for mechanical and aerospace systems.

PAUL J. STEINHARDT (BS '74)

Albert Einstein Professor in Science and Director of the Princeton Center for Theoretical Science, Princeton University

For seminal contributions to theoretical physics and cosmology. Among his many achievements, Steinhardt developed new inflationary models of the universe, advanced the theory of quasicrystals, and discovered the only known naturally occurring quasicrystals.

RICHARD K. MILLER (PHD '76)

President, Olin College of Engineering

For visionary leadership and commitment to innovation in engineering education for the benefit of society. As the founding president of Olin College, Miller led the creation of a new institution recognized for its unique teaching methods and models.

RICHARD H. SCHELLER (PHD '80)

Executive Vice President, Research and Early Development, Genentech

For seminal work and leadership in biological sciences. Among his many achievements, Scheller identified mechanisms

of neurotransmitter release. Now at Genentech, he oversees the development of basic research into new treatments for human disease.

DAVID E. CHAVEZ (BS '96)

Principal Investigator and Project Leader, Los Alamos National Laboratory

For his extensive and groundbreaking contributions to chemistry. Chavez created versatile new synthetic compounds and processes that advanced the development of high-nitrogen energetic materials, which are now being used for applications in a wide variety of fields.

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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 *The Tech Eds*

Surgery technique tested	100% silk screws have been tested to allow fractured bones to heal [BBC]
Clippers rout Lakers	48 -point lead for Clippers, best win for the Clippers so far [CBS]
Plane search continues	227 passengers on Malaysia Airlines flight lost in Gulf of Thailand [CNN]
Tensions rise in Crimea	100 armed men occupy military office in regional capital Simferopol [CNN]
Starving Syrian refugees	128 refugees starved to death in the Damascus Yarmouk camp [BBC]
Ozone layer in danger	4 new man-made gases (3 CFC's and 1 HCFC) found in atmosphere [CNN]
Suicide bombing in Iraq	34 people killed at security checkpoint in Hilla, south of Baghdad [BBC]

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*

The California Tech

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The advertising deadline is 5 PM Friday; all advertising should be submitted electronically or as camera-ready art, but The Tech can also do simple typesetting and arrangement. All advertising inquiries should be directed to the business manager at tech@caltech.edu. For subscription information, please send mail to "Subscriptions."

Write articles for the Tech

get paid up to \$30

ASCIT Minutes

ASCIT Board of Directors Meeting

Minutes for March 4, 2014. Taken by Catherine Jamshidi

Officers Present: Connor Coley, Catherine Jamshidi, Connie Hsueh, Michelle Tang, Malvika Verma, Monica Enlow

Guests: Connor Rosen, Patrick Nikong, Ellora Sarkar, Elliot Simon, Chris Dosen, Mateo Martinez, Nima Badizadegan, Margaret Lee, Nick Zolman, Aditya Karan, Esther Du, Annie Chen, Parul Pubbi, Jake Larson, Sandia Akhtar, Bianca Lepe, David Flicker, Bianca Avalani

Call to Order: 10:35 pm

Discussion Topics (brought up by guests + BoD):

- Budget Presentation from Monica
- Caltech Cares program: facilitating discussion about Title IX

Officer's Reports:

- **V.P. of Academic Affairs (ARC Chair: Malvika):**
 - The ARC + UASH Reps have been having discussions with Dean Kiewiet regarding his petition for academic eligibility requirements. Discussion has been very productive and we have come to agreements on most things. It was seen by the CUE and APC and will likely go to a Faculty Board Meeting in the coming month or so.
 - There will be a Student Faculty Lunch this Tuesday, March 11th. Check your email for details.
 - There is also a GPS Option Tea next Wednesday, March 12th.
 - Planning for the Option Fair early next term is going well.
- **V.P. of Non-Academic Affairs (IHC Chair: Connor):**
 - The IHC has written a proposal to receive funding for "FCC reunions" third term.
 - Check out the new Hameetman Center Lounge! It's a work in progress, so be patient.
 - Many houses have received new RAs, so you should go meet yours.
 - WiFi improvement Phase 2 is completed in the North Houses.
 - Meetings with the Ad Hoc Committee on Self-Governance have been going quite well. We're seeking to increase both the rights and responsibilities of student leaders; we should be holding a town hall discussion sometime third term.
 - April 6th (first Sunday of next term) will be an ExComm training for House leadership. Try to reserve 10-3 for now, we don't know the exact schedule.
- **Director of Operations (Connie):**
 - The little t, even if ASCIT helps with the content, will need a business manager to help with advertising and funding. We'll decide what to do shortly.
 - If you didn't get a little t this past year (especially frosh), ask your House President! There are extras in Ricketts lounge.
 - There will be a club fair during PFW as usual; if you're not an officially registered club, make sure you do that soon.
- **Treasurer (Monica):**
 - Reminder: Every house can receive \$500 for their Interhouse party if they request reimbursements before their party date.
 - Take advantage of the Multiohouse Event Budget! You can receive up to \$400 for an event between two houses! Talk to your social director(s)!
 - Come to ASCIT to fund your club's event; we do special event funding throughout the year in addition to the annual club funding.
- **Social Director (Michelle):**
 - Be a Kid Again was very successful: we went through nearly all of the Girl Scout Cookies and watched Frozen!
 - Trivia Night was last Thursday at Chouse. It will likely continue next term as well.
 - There was an Open Mic Night in Ricketts on Thursday.
 - Ruddock OPU was this past Saturday. The theme was Ancient China.
 - On Sunday, the A Cappella groups performed their "Love Sucks" Concert in Ramo Auditorium. There were also groups from several other schools.
- **Secretary (Cat):**
 - I sent out a survey to all of the Committee Representatives to get feedback on how everything is going. There are lots of responses so far.
 - Made the Google calendar for "ASCIT Events." I'll go through and add all third term events over spring break so we can release it to undergrads early next term.
 - Over spring break I'm also going to go through the By-Laws and Resolutions because I've identified lots of need for improvement.
 - Most house positions have been added to Donut. I'm waiting on contact information for all club presidents to include club information.

If anyone has any questions or concerns about a section of the minutes please email the appropriate officer. We are happy to answer any questions.

Meeting Adjourned: 11:46 pm

ASCIT Minutes

ASCIT Board of Directors Meeting

Minutes for February 25, 2014. Taken by Catherine Jamshidi

Officers Present: Connor Coley, Catherine Jamshidi, Connie Hsueh, Michelle Tang, Zach Rivkin, Monica Enlow

Guests: Connor Rosen, Patrick Nikong, Ellora Sarkar, Elliot Simon, Chris Dosen, Mateo Martinez, Nima Badizadegan

Call to Order: 10:01 pm

President's Report (Zach):

- Make sure you vote!

Officer's Reports:

- **V.P. of Non-Academic Affairs (IHC Chair: Connor):**
 - The IHC has written a proposal to receive funding for "FCC reunions" third term and plans to submit it to the Deans' Office in the next few days.
 - Check out the Hameetman Center Lounge! It's a work in progress, so be patient. The IHC and BoD just met with Joe Shepherd to discuss its future.
 - Houses are continuing to receive new RAs, so you should go meet yours.
 - I'm working with Jon Webster and Peter Daily to have a rest-run of open kitchen on the weekend. Details TBA.
- **Director of Operations (Connie):**
 - Submit to Totem, Caltech's literary and visual arts magazine, for a chance to be published! Send pieces to totem@caltech.edu. Works may be requested to be published anonymously.
- **Treasurer (Monica):**
 - Nothing to report this week.
- **Social Director (Michelle):**
 - Trivia Night, Open Mic Night, Ruddock OPI, and Love Sucks are coming up this week.
 - Formal is in the process of being planned. It will likely take place at either The Langham or The Huntington Gardens.
- **Secretary (Cat):**
 - I've been working on updating Campus Positions on Donuts. I'm getting information from all the house secretaries.
 - I'm also going to put together an "ASCIT Events" google calendar that can be shared with all undergraduates so people have up to date information for events.
 - Since very few Committee Representatives have kept us in the loop, I'm going to solicit feedback on how all of the Faculty Board Committees are going. I'll have more for you next week on that.
 - One last town hall (Dabney) at 2:00 pm this Saturday

If anyone has any questions or concerns about a section of the minutes please email the appropriate officer. We are happy to answer any questions.

Meeting Adjourned: 11:24 pm

Caltech Y Column: Look for new events

**PHOEBE ANN
LAURA SANTOSO**
Contributing Writers

Hi everyone! This is the Caltech Y Column, designed to inform you about the Y and the opportunities we provide for you to inspire your passions! The Y's mission and core values stand on five key pillars: leadership, civic engagement, service, adventure, and perspective. Feel free to attend any of the below programs, or contact us to organize your own!

Upcoming events:

1. Research and the Outside World: A Discussion with Prof. Harry Atwater - Caltech Y Science Policy Series

Wednesday | March 12th | 12:00 noon to 1:30pm | Hill Annex | Lunch is Provided (priority given to students) RSVP Required

Harry Atwater is a Howard Hughes Professor of Applied Physics and Materials Science at Caltech researching photovoltaics as well as optics and plasmonics. He co-founded and served as a technical founder of Alta Devices, whose devices currently hold the record for single-junction solar cell efficiency, and Caelux Corporation, which pioneered microwire solar technology. He has also served extensively as a consultant for both industry and government.

In this discussion-based seminar, Professor Atwater will give insights into these experiences of transitioning research ideas to the real world, as well as working with non-academic institutions on technical issues and instituting change. He will also consider the opportunities and challenges for solar energy in the future. The Science Policy Series was made possible with generous support from the George Housner Fund. Please RSVP for this exciting event at caltechY.org

2. Civil Liberties in the National Security Era: What Happened to Edward Snowden?

The Social Activism Speaker Series (SASS) presents Susan Herman, President of the American Civil Liberties Union (ACLU)

Wednesday | March 12th | 7:30pm | Beckman Institute Auditorium

Our national security agencies spare no effort in recruiting, through appeals to their best intentions, the most talented individuals into their service. In addition, private sector employees are sometimes conscripted into service through federal government demands on their employees for information of all kinds, often backed by gag orders prohibiting them from telling anyone anything about those demands. If they discover illegal activities within their own organizations, they are faced with excruciating choices that may lead to severe consequences. Herman will address these issues as well as what one can do if they discover wrongdoing. The event co-sponsored by the ACLU of

Southern California and is free and open to the public as space allows.

3. Alternative Spring Break - Catalina Island | March 24th through Thursday, March 27th

Sign up starting Thursday, March 6th at the Caltech Y (spaces are limited) | Cost \$150.00 - due when you sign up

Explore a new place, meet new people, serve a community, and have fun! Join Caltech Students experiencing a non-traditional spring break volunteering out on Catalina Island this year:

Santa Catalina Island, just off the coast of Southern California, is visited by one million people every year. Scuba diving, snorkeling, and hiking are among popular attractions at the island. Two Harbors, the second resort village on the island, is home to the USC Wrigley Institute for Environmental Studies whose mission is to encourage responsible and creative decisions in society by providing an understanding of the natural world among people of all ages. It features research facilities, housing, a large waterfront area, and it will be our host for our stay.

Tripsfees include transportation, lodging, and most food and activities. The trip offers you the chance to experience something new, learn about our community and community issues, make new friends... or become closer with some friends you already have, and make a real difference as well.

4. Book of Mormon - Caltech Y Explore LA Series

Sunday | April 13 | 1:00 - 4:00pm | Hollywood Pantages Theater | Transportation is NOT provided | Sales begin 12:00 Noon, Wednesday, March 5 at the Caltech Y | Cost is \$45 each (tickets are limited)

"THE BEST MUSICAL OF THIS CENTURY"- Ben Brantley, THE NEW YORK TIMES

THE BOOK OF MORMON is the winner of nine Tony Awards, including Best Musical. THE BOOK OF MORMON features book, music and lyrics by Trey Parker, Robert Lopez and Matt Stone. Parker and Stone are the four-time Emmy Award-winning creators of the landmark animated series, "South Park." Tony Award-winner Lopez is co-creator of the long-running hit musical comedy, Avenue Q. The musical is choreographed by Tony Award-winner Casey Nicholaw (Monty Python's Spamalot, The Drowsy Chaperone) and is directed by Nicholaw and Parker.

This offer is for students only; however students purchasing tickets are permitted to purchase tickets for up to one guest each - and that guest can be a non-student. Explore LA is coordinated by the Caltech Y with generous support from the Master of Student Houses. The Caltech Y is located in the Tyson House 505 South Wilson (Bldg. 128). For questions, email Phoebe at pann@caltech.edu or Peter at peterh@caltech.edu

5. Los Angeles Lakers Game - Caltech Y Explore LA Series - Tickets on sale Thursday, March 13th at the Caltech Y

Friday, April 11th | 7:30pm Game Time | Staples Center (downtown LA) | Cost is \$45 each (tickets are limited)

Join us as the Lakers take on the Golden State Warriors. Transportation is not provided.

Tickets are available on a first-come first-served basis (with a few tickets held specifically for grads and undergrads) at the Caltech Y starting Thursday, March 13th at Noon. This offer is for students only; students purchasing tickets are permitted to purchase one guest ticket (guest can be a non-student). Explore LA is coordinated by the Caltech Y with generous support from the Master of Student Houses.

6. Make-A-Difference Day - Saturday April 5th

The annual Caltech Y Make-A-Difference Day will be April 5. Watch for opportunities to sign up online, or at Decompression, coming soon. There will be more than 15 service projects to choose from (e.g. working with children, working in the environment, fixing and building things, etc.), each of which will make a difference in the lives of community members.

7a. Pasadena LEARNS Tutoring

Wednesday and Friday Weekly | 3:00 - 5:00pm | Madison Elementary School | Pasadena

Come volunteer at Madison Elementary School! We are partnered with the Pasadena LEARNS program at Madison and work with their Science Olympiad teams on Wednesdays and do regular tutoring on Fridays along with occasional hands-on science experiments. We volunteer from 3 to 5 PM on Wednesdays and Fridays. Volunteers should be willing to commit to one visit per week. Transportation is provided. For more information and to RSVP, contact vkumar@caltech.edu.

7b. Hathaway Sycamores Tutoring

Saturday Weekly | 1:30-4:30pm | Highland Park

Volunteer at Hathaway-Sycamores, a group that supports local underprivileged but motivated high school students. Transportation is included. For more info and to RSVP Email Josie Kishi at jkishi@caltech.edu or Ted Xiao at gxiao89@caltech.edu. Please note that work study is no longer offered for this service trip.

If you have any questions, feel free to contact the Caltech Y at (626) 395-6163 or caltechy@caltech.edu

Go to <http://caltechy.org/lists/> to self-subscribe to announcement lists for upcoming events and sign-up information.

For a student's perspective, feel free to contact Phoebe Ann at phoebe.ann2@gmail.com or Laura Santoso at santoso.laura@gmail.com.

*Caltech Public Events is now hiring student ushers.
\$15 per hour to work concerts, performances, lectures, films and parties.*

No experience needed, no hard labor, flexible schedules.

**Requirements: Caltech student, Positive attitude, Friendly personality*

To apply email Adam Jacobo (ajacobo@caltech.edu) or call (626) 395-5907

For info on Caltech Public Events visit: www.caltech.edu/content/public-events

The Gobble-Up Stories writer Oscar Mandel talks about upcoming play

DOUGLAS SMITH
Contributing Writer

This has nothing to do with Occupy L.A.—for one weekend only, on April 4 – 6, the Caltech Players will present *The Gobble-Up Stories* in Ramo Auditorium. Performances will be on Friday and Saturday night at 8:00 p.m., with matinees on Saturday and Sunday afternoon at 2:00 p.m.

The *Gobble-Up Stories* are fables populated with talking animals and insects; farmers and cobblers; kings and queens. These short stories, written by Caltech's Belgian-born English professor Oscar Mandel, offer satiric insights into the human condition, where things are often not as they seem. In the opening scene, for example, we see three groups of learned philosophers draw completely different—and entirely wrong—conclusions after observing an everyday event on the road to a national sages' convention at the university. And in the signature tale, a moth who has painted huge dragon's eyes on her wings becomes the terror of the neighborhood, giving a horsefly a heart attack and sending blue jays and schnauzers into headlong flight. In between are moral lessons on hubris, humility, jealousy, factionalism, and even the importance of speaking in complete sentences.

The seventeen scenes contain some onen hundred characters brought to life by a cast of nine on a minimalist set, and in costumes that suggest rather than evoke. (Which is a good thing, as the shortest fable is a mere four speeches, allowing very little time for costume changes.) Everything rides on the actors—rudds Bolton Bailey and Klavdia Zemlianova, mole Elizabeth Terlinden; grad students Manan Arya (aero), Kari Hodge (LIGO), and Utkarsh Mital (applied mechanics); staff members Regina Colombo and Douglas Smith; and Phoebe Kellogg, daughter of pageboy Steve Kellogg (BS '78). One of them recently sat down with Professor Mandel on behalf of *The California Tech*:

DOUG: Why are we doing this production now?

OSCAR: A book is coming out called *Otherwise Fables*. The book has two other components, which are full-length novellas, and *The Gobble Up Stories*, of which there are, I believe, forty-one. If one did them all, you'd probably be three hours, so in every performance you always just select a number of them to make up an evening's entertainment.

DOUG: Is the book actually coming out the weekend of the performance?

OSCAR: The official publication date is April 15, but it exists already, and I think it will be commercialized, if I may so predict, during the performance.

DOUG: So it will be on sale in the gift shop in the lobby? If Ramo had a gift shop, that is?

OSCAR: 'On sale' is a crude expression. It will be available to the public for a . . .

DOUG: . . . for a small consideration.

OSCAR: . . . for a consideration, and the signature of the author will be free.

DOUG: There you go! What motivated you to write these stories in the first place?

OSCAR: This came about in the 1960s, when I received a letter from a friend. The letter prompted in my mind a story, which turned out to be a fable. Then a whole bunch of other fables came to my mind, I think originally there were twenty-six of them. It was kind of



"The Queen and the Poodle" from *The Gobble-Up Stories*, with (from left) grad student Utkarsh Mital as the Footman, grad student Kari Hodge as the Queen, and junior Elizabeth Terlinden as the Poodle.

—Eric Ancker

an avalanche. I published them in magazines and journals here and there. In later years I added others, and revised the old ones.

DOUG: Do you remember what the first fable was?

OSCAR: It's "How God Learned What Measure Is," but I don't think it's on your program. My friend was writing novels that he couldn't publish, that nobody wanted. I advised him, "It takes six or seven or nine months for a publisher to read your stuff and then reject it. Send it to three or four publishers at the same time." Well, he wrote back that this was unethical, and then he cited Sophocles and Plato and Spinoza and so on. I thought

that this was really big artillery for a very small problem, and that made me think of a fable where God learns to use tweezers on a blade of grass and not his thunderbolt.

There've been a whole slew of performances. I've done them myself very often, as a solo in restaurants or art galleries. You could just stand up in a coffee shop, and do an hour's worth of one-man recitations. But more often, they were performed with several actors and music. And since this was constantly being done, in galleries, theaters, restaurants—and on KPFK also, by the way—at a certain point I decided to turn them into mini-dramas. The *Kukkurrik Fables*, which are what

you are really performing, was written for a group of actors, and also has a narrator who comments on the action.

DOUG: The fables we're doing are all in the classic mold, with anthropomorphic animals in faraway kingdoms. But the complete set of fables has a definite dichotomy. There are also more modern-day settings with God and physicists and salesmen and boards of directors and so forth. Were the animal ones the original set, and the human ones came later?

OSCAR: No. There I have to correct you. They're all original stories, but they are echoes from the seventeenth-century fabulist Jean de La Fontaine. La Fontaine is not an author Americans read, but every European child has been exposed to him. La Fontaine mixes human beings and animals and gods very freely. So that's not a dichotomy. That's absolutely natural. A writer like myself, brought up in a French-speaking country, would have La Fontaine's fables very much part of his cultural baggage.

DOUG: I will confess I've not read La Fontaine. Aesop, I know.

OSCAR: La Fontaine stole from Aesop! But he stole from many others too. Besides the Greek fabulist Aesop, there was a Latin writer by the name of Phaedrus, which La Fontaine also knew, and quite a few other fabulists in the classical world.

DOUG: Well, I'm told Shakespeare stole a few plot lines here and there . . . there's nothing new under the sun. Speaking of Aesop, I was particularly struck by "Aesop's Apology." [Full disclosure—Doug plays Aesop.] Do you see yourself in that role?

OSCAR: In a way, yes! You ask a very good question. It is autobiographical, since I do believe that little fables like these can be just as important as one-thousand-page novels, absolutely.

DOUG: And it is much more difficult to write short than it is to write long.

OSCAR: Yes it is. Very difficult. Every word has to be considered.

ARC Rep. discusses recent collaboration policies

HANNAH KLION
Ruddock ARC Representative

The honor code is a critical component of academic life at Caltech.

It allows students to take exams on their own time and collaborate more freely on assignments. Professors set the rules for collaboration and exams on a course-by-course basis. Every term, the ARC receives feedback about collaboration and exam policies that are unclear or encourage poor study habits. These policies are stressful to students and increase the chances that they will inadvertently take advantage

of their peers or instructors, creating an otherwise unnecessary BoC case.

These issues can be avoided by ensuring that collaboration and exam policies encourage good study habits and are clear. To encourage this, the ARC has developed a collaboration policy checklist and a narrative document about good collaboration policies. These documents have received positive feedback from the Council on Undergraduate Education, as well as a number of other faculty and students.

The documents have been distributed to the Division Chairs and the Undergraduate Option Representatives, who have been

asked to distribute them to those teaching courses in their division or department. They are also available on the ARC website.

The checklist enumerates various resources that could be allowed or disallowed on problem sets, quizzes, and exams. Instructors can then fill out the checklist according to the course's policy, adding comments where necessary. The narrative document explains the importance of good collaboration policies for the health of the honor code, and gives examples of encouraged and discouraged collaboration policies. It also lists resources that instructors may consider specifically allowing or disallowing on problem sets

and exams in order to ensure that policies are clear.

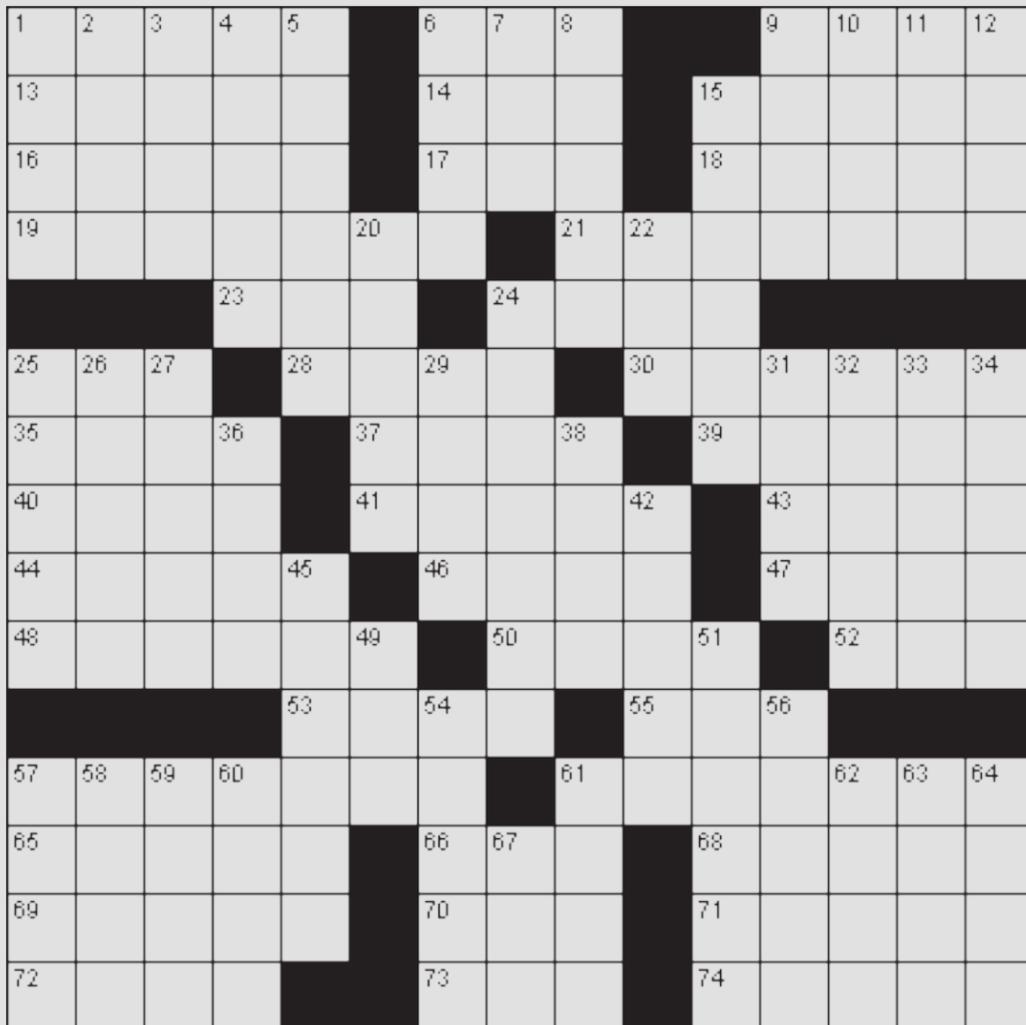
An example of an encouraged collaboration policy is the policy in Ph1a, which states that students may collaborate on problem sets, but should be able to reproduce any submitted work on their own. The document includes the full text of this policy, as well as the full text of the CDS 101/110a policy, which was also identified by students as a good policy. The primary discouraged policy is the t0 policy, about which students repeatedly express concern. Under a t0 policy, there exists some time, t0, after which students are not allowed to collaborate, and must destroy all prior work. Generally, t0 is the time

when students begin writing up their problem set. This encourages students to procrastinate on writing up the set, and shifts the focus away from understanding the material and towards simply completing the problem set, reducing the pedagogical value of the assignment.

No collaboration policy is perfect, but the ARC hopes that in all courses, policies will become clearer and will provide a better structure for collaboration under which the honor code can thrive.

If there are any questions about the documents, or if you would like copies, please feel free to contact me at hklion@caltech.edu.

Today's Puzzle: Crossword



[www.puzzlechoice.com]

- Across**
1. Mark or grade
 6. Felt cap
 9. Junk email
 13. Gathering of witches
 14. Anger
 15. Solitary
 16. Conform
 17. Workplace for scientific research
 18. Beauty parlor
 19. Liberate
 21. Reply
 23. Illuminated
 24. Equivalent
 25. Pouch
 28. Jump
 30. Reveal a hidden identity
 35. Front part of a vessel
 37. Zealous
 39. One of the senses
 40. Chills and fever
 41. Durable fabric
 43. Region
 44. Sweet carbonated drink
 46. Rant
 47. Military vehicle
 48. Ensnare
 50. Record of golf score
 52. Hawaiian garland
 53. Pulp
 55. Drink flavored with juniper
- Down**
1. Evidence of past injury
 2. Set of rules, principles or law
 3. Ellipse
 4. Repulse
 5. Involve
 6. Steel hand tool
 7. Epoch
 8. African equine
 9. Hit with something flat
 10. Field game
 11. Pulpulent tropical fruit
 12. Repair
 15. Acquiesce
 20. Lieu
 22. Large flightless bird
 24. Dark green leaves eaten cooked or raw
 25. Surge
 26. Inert gas
 27. Enumerate
 29. Assert
 31. Castle fortification filled with water
 32. Relating to hearing
 33. Subdivision of the act of a play
 34. Cloth used for military uniforms
 36. Low dam
 38. Prima donna
 42. Combine
 45. Photographic equipment
 49. Play on words
 51. Reduce or dispose of
 54. Thick sweet sticky liquid
 56. Not at any time
 57. Storyline
 58. Mature
 59. Concluded
 60. Microbe
 61. Oracle
 62. Catch with a lasso
 63. Related in quality or character
 64. Heavy metallic element
 67. Country, initially

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



2014 CALTECH UNDER-GRADUATE WRITING PRIZES

Each year the division of Humanities and Social Sciences awards a number of prizes for undergraduate writing. Consider submitting your work to be recognized and rewarded for your work as a writer.

Submit your writing this year for these prizes:

MARY A. EARL MCKINNEY PRIZE IN LITERATURE
AWARDED TO THE BEST ORIGINAL POETRY AND FICTION. SUBMIT UP TO 3 POEMS. FICTION SHOULD NOT EXCEED 12,000 WORDS.

Prize amount: \$ 500.00/each category

HALLETT SMITH PRIZE

Awarded to an outstanding essay related to the work of Shakespeare.

Prize amount: \$500.00

SUBMISSION GUIDELINES

Deadline: April 4th, 2014

Only currently enrolled full-time students may submit. Entries should be double-spaced PDFs. Winners will be announced in June, and winners' names will be in the commencement program. Winning writing will be archived using CODA through the Caltech Library. Email entries to Sini Elvington at elvington@hss.caltech.edu, noting the prize to which you are applying in the email subject and filename.

Contact Sini Elvington at elvington@hss.caltech.edu with any questions.

Men's tennis team pulls off 9-0 victory against Linfield

GoCaltech

The desert suited the men's tennis team just fine as Caltech swept a 9-0 victory against Linfield in the Friday afternoon match at the Ranch Mirage Resort in Indian Wells.

The Beavers dominated their foes from the Northwest Conference. Caltech dropped just 11 games during singles play in the 9-0 victory.

Of significant note for Caltech's No. 1 singles player Devashish Joshi; the senior posted his first singles win since his first-year with the program. The senior has played all 55 matches at the top spot and playing countless nationally ranked foes, Joshi put himself in the win column with a 6-2, 6-1 win.

The rest of his teammates followed the captains lead during singles play as Caltech moved above the .500 mark after five matches.

During doubles play Caltech swept the Wildcats in convincing fashion to produce the win.

Caltech 9, Linfield 0

SINGLES

1. Devashish Joshi (CALTECH) def. Micah Roos (LINFIELD) 6-2, 6-1
2. Rushikesh Joshi (CALTECH) def. Kelsey Rosborough (LINFIELD) 6-1, 6-3
3. Sathwick Pathireddy (CALTECH) def. Lukas Kleinman (LINFIELD) 6-1, 6-0

4. Ruthwick Pathireddy (CALTECH) def. Tim Hawkins (LINFIELD) 6-2, 6-0

5. Morgan Leby (CALTECH) def. Nick Konen (LINFIELD) 6-0, 6-0

6. Alex Henny (CALTECH) def. Alex Wisthoff (LINFIELD) 6-0, 6-1

DOUBLES

1. Devashish Joshi and Luka Mernik (CALTECH) def. Lukas Kleinman and Kelsey Rosborough (LINFIELD) 8-6

2. Ruthwick Pathireddy and Sathwick Pathireddy (CALTECH) def. Tim Hawkins and Micah Roos (LINFIELD) 8-2

3. Rushikesh Joshi and Morgan Leby (CALTECH) def. Nick Konen and Alex Wisthoff (LINFIELD) 8-2



Devashish Joshi and Luka Mernick won their doubles match against Linfield, ending with an 8-6 triumph.

-GoCaltech

Weekly Scoreboard

Women's Tennis vs. Principia
W, 7-2 Final

Men's Tennis vs. George Fox
L, 5-4 Final

Men's Baseball at Occidental
L, 13-3 Final

Women's Tennis vs. Linfield
L, 6-3 Final

Men's Tennis vs. Linfield
W, 9-0 Final

Men's Baseball vs. Occidental
L, 11-0 Final

Men's Baseball vs. La Verne
L, 18-0 Final

Men's Baseball vs. La Verne
L, 16-0 Final

THE CALTECH COUNSELING CENTER IS LAUNCHING A NEW PROGRAM FOR STUDENTS:

There will now be evening drop-in hours for consultation on Monday and Wednesday evenings from 7-10pm. The slots will be divided in 30 minute segments and can either be signed up for in advance, or students can come and block off the time that they want by marking an "X" on the white board next to the time that works for them. They will be held on the 2nd floor of the CSS building in the health educator's office. Access will be through the stairwell on the south side of the building.

Contact the Counseling Center if you have any questions.
(626) 395-8331



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LOST:

VIDEO CHIPS

(camera memory cards, about the size of a postage stamp)

Last seen at Caltech recycling center.

Many random videos and priceless family videos.

REWARD: \$1000

(About the cost of the chips).

If you don't have them but can help me track them down, \$500.

If you erased them or trashed them, please let me know.

CONTACT:

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smcgibbons@gmail.com

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

tech.caltech.edu

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