Career Counselors Angela Wood and Jonie Tsuji both resigned last week after 22 combined years of service to the Caltech community. Angela Wood was the former Assistant Director and Pre-med Advisor at the Caltech Development Center (CDC). Jonie Tsuji was a Career Counselor and has organized 20 Career Fairs at Caltech, with approximately 70-100 companies at each event. Both declined to comment on why they had resigned.

The news of the resignations shocked and saddened many students, especially the pre-medical students whom Wood advised. “Angela truly loved the students,” says pre-med junior Dongkook Lim. “She always focused on helping us to succeed in our studies, seeing that all she did was make us realize our potential, which is what I think she made a world of difference.”

Undergraduate Dean John Hall also expressed his regret in seeing Wood leave, “Angela had been incredibly valuable to the students. She helped over 130 students get into medical school, which is exceptional considering that Caltech has no formal pre-med program. A recommendation from Angela went a long way because of her established credibility and reputation among medical schools.”

With the resignations of Wood and Tsuji, the career center is reduced to three staff members and no career counselors. However, Stolper reassures students not to worry: “A change in staff should be seen as a positive,” says Stolper. “New staff members come in with new energy and ideas.”

The search is already in process for a new assistant director, and a new career counselor, Melanie Harte. Harte will begin on Monday. She will be handling pre-medical school advising in Wood’s stead. Stolper adds, “This is a very exciting time for the CDC. The transition will be smooth and in the end, new staff will continue with the best of established programs and create new opportunities for students.”

The Caltech Career Development Center provides undergraduate and graduate students with such services as career counseling and exploration, resume and cover letter critiques, mock interviews and salary negotiation. Students may make one-hour appointments to see a career counselor or drop-in during walk-in hours Tuesdays and Thursdays, 9-11am and 1-4pm. Last year’s budget cuts forced the downsizing of the career center, and three of the seven staff were laid off, including former Director Jerry House.

“I will miss working with the students most and seeing them grow,” says Tsuji. “My fondest memories are the ones who found the courage to pursue what they really wanted to do and achieved it.”

ASCIT BoD Meeting Minutes - January 25, 2010

**Officers Present:** Anthony Chong, Andrey Polotayev, Pallavi Gumanal, Nadia Igbal, Marat Marzooz, Michael Maseda, Laura Conwill

**Guests:** Chris Hallacy, Mario Zabia, Prakriti Gaba

**Call to order:** 12:17 PM

**Funding requests:**
- CLUE revampage: Maral will email out info about the remaining ARC budget so we can see if we can fund the CLUE project.

**President’s Report:**
- Meeting times: The meeting scheduled for February 8 will be rescheduled due to a conflict with the ASCIT meeting.
- Haiti Relief Fund: Not including matching funds, we are now at $7,200.

**Officer Reports:**
- **VP. of Academic Affairs (ARC Chair):** The ARC met yesterday and are discussing issues with people flaming our new ARC reps are beginning to be elected. The ARC gathering complaints to be incorporated into this year’s SFC and processing a course complaint for CS129.
- **VP. of Nonacademic Affairs (IHC Chair):** The mural policy has not been approved yet. Pallavi talked to Ray and Geoff next week; they are going to work on revising the prefrosh weekend schedule. Chris Whelan is the new president of Blacker!
- **Operations Director:** Someone is tricking in Fleming’s historian said she is basically done with the Fleming book pages. Lloyd Interhouse is January 30th! Apache is February 13th.

**ASCIT BoD Meeting Minutes - February 1, 2010

**Officers Present:** Andrey Polotayev, Pallavi Gumanal, Michael Maseda, Laura Conwill

**Officers absent:** Nadia Igbal, Anthony Chong, Marat Marzooz

**Guests:** Karthik Sarma, Mario Zabia, Chris Hallacy

**Call to order:** 12:13 PM

**Funding requests:**
- **Avery Interhouse:** Karthik requested the allocated $500 for Avery Interhouse; he will discuss this further with Maral.

**Officer Reports:**
- **VP. of Academic Affairs (ARC Chair):** The ARC has discussed a number of course complaints and short-term feedback mechanisms for Ch1b and CS129. Soon they will discuss M121. Unfortunately, the student who was planning to redesign CLUE is no longer able to complete the project. Andrey will be replacing Kuri on the Core Curriculum Task Force for six weeks until he returns from Cambridge. The ARC has also discussed possible improvements they can make to TA training, including creating a tutorial for new TAs.
- **VP. of Nonacademic Affairs (IHC Chair):** The new presidents are Alex Lapidès for Fleming, Lucas Hartsough for Lloyd, Chris Whelan for Blacker, and Dan Kolodrubetz for Ruddock. The mural policy is going to be signed soon by the student housing committee. Pallavi has been talking to Geoffrey Blake about the Prefrosh weekend; they’re going to see if they can get schedules together and out soon. Pallavi will meet with Tim Black and Tom Mannion later this week.
- **Operations Director:** The 2009 yearbook is just about finished! The yearbook director is going to submit it to the publishers soon. Please ask house historians about contents for the 2009 yearbook.

**Meeting adjourned:** 12:35 PM

**Submitted by Laura Conwill**

ASCIT Secretary

**IHC Meeting Minutes - Lloyd - February 2, 2010

**Present:** Pallavi (Chair), Tim (Sec), David (AV), Chris (Bl), Max (Da), Alex (Fl), Lucas (Li), Paul (Pa), Rosa (Ri), Kirit (Ru)

**Absent:** None

**Guests:** Kirit Karkare, Robbie Paolino, Daniel Kolodrubetz

Daniel Kolodrubetz is the new Ruddock President, after he is installed on Friday.

Lucas Hartough is the new Lloyd President.

Robbie: “This is Lucas; play that Flute.”

Prefrosh Weekend

Tim and Pallavi have been talking to Ray and Geoff. Admissions plans to run a two-day prefrosh weekend (instead of the usual three), where prefrosh check in on Thursday and check out on Saturday. Admissions was going to advertise that prefrosh could stay for the Saturday night as well. Nalchi says legally they can’t stay on campus that extra night if they aren’t sponsored. Student Affairs will sponsor the third night, but despite agreeing during first term to advertise the Saturday events, Admissions did not recall agreeing to publicize the Saturday schedule.

Student Housing Committee

The Student Housing Committee met Monday. Max and Peter daily argued about murals for 45 minutes. In particular, the policy was not going to allow doors to be unpainted, and Max wanted doors to be able to be painted (in the North Houses), as long as the door frame had a three-inch white border around it, and the door had the number on it clearly. Max also wants to remove the statement that disallows “murals in public areas in other parts of the house”. He wants to require that all people in a list (including AVPs and IHC Chair) be contacted before any mural is painted over, rather than just requiring that they attempt to contact people in “a situation that required immediate attention”. Max will submit changes to

Peter: Update: Peter adapted several of Max’s proposals, and the mural policy took effect on Friday, February 5.

Dubney elections are on Sunday

**In This Issue**

**A Puzzle**

**Tech Spots Review**

**Not for Profit?**

**Chess**

**Mens Basketball Opener**

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From the Editor: It’s Been Quite the Year...

By Chris Kennelly
Editor-in-Chief

The Case for Math as a Second Language

By Casey Glick
Undergraduate

The California Tech

February 8, 2010

With this letter I just wanted to announce the new 6 unit class, MSL, which is to be offered next quarter. MSL is a course that was proposed and developed at the request of the students and the faculty. The course is designed to provide a more efficient and elegant way of learning mathematics. It is a course that is tailored specifically for students who want to learn how to write proofs, but do not have the time or patience to take a traditional mathematics course.

The course is called MSL: Mathematics as a Second Language. MSL is a course that is designed to be more efficient and elegant than traditional mathematics courses. It is a course that is tailored specifically for students who want to learn how to write proofs, but do not have the time or patience to take a traditional mathematics course.

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No matter how the course is taught, the students will be able to learn how to write proofs. The course is designed to be more efficient and elegant than traditional mathematics courses. It is a course that is tailored specifically for students who want to learn how to write proofs, but do not have the time or patience to take a traditional mathematics course.

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ASCIT President
Michelle Jiang
If you’ve seen me around campus, you probably know me as the first Asian American female. I am always smiling. If you don’t know me, well, that’s in a nutshell. But let’s face it—being the ASCIT President is a serious job that comes with a huge time commitment, many obligations and deadlines. It’s no lie that the job is demanding and stressful. Given this description, you’re probably wondering why I’m running for ASCIT President. It’s a good question, and one that I’ve been thinking about for a long time before making this decision. So let’s be serious and get down to business.

I have several reasons for running for ASCIT President. First and foremost, I want the 2010-2011 ASCIT year to be a successful one. – I want to see the ASCIT office become more accessible and work to accomplish everything on its task list, but also go beyond the expectations of any Board of Directors. For example, the Committee of ASCIT Directors is a big part of the student experience at Caltech, and I want to see its commitments fulfilled. – whether it’s something simple like increasing the number of more extracurricular ASCIT formal – done and done well. Of course, I feel that the Board of Directors, my job is to represent the opinion of the students to the administration. My goal is to improve the student experience at Caltech, and to do so, I must make the issues that are of concern to students. Two current topics of interest are the dorms, interhouse interaction, and career counseling.

If I am elected, I will continue to make sure that students have a say in campus-wide issues. I will continue to help improve campus governance. I will ensure that the committees that the ARC appoints fulfill their responsibilities and bring student opinion to the table. In the long term, I will work with the administration on TQFR to make it something that meets the needs of students, is easy to use, and to improve government accountability, and in doing so, I will work hard to make sure students are heard. Our student opinion is vital to this discussion, because as students, we have the best knowledge of where the real problems are. We must work to make ARC more participatory. Many students are interested in making Caltech a better place, I am in making a positive contribution, I am in making a positive contribution, I am in making a positive contribution. The House system is an amazing part of Caltech. It’s a set of teams because I care about them, having fun, and turn it into a system that is a true student center, with a student government should be the only one that can make the system for the students to work just as hard to make sure that you understand what ASCIT is up to in a timely and meaningful manner and that your ideas and thoughts are considered by us. I am going to make sure I keep my word. Just like how I am on the system, I am the California Tech, and both the tennis and volleyball teams because I care about them, I am running for ASCIT president and post-graduation guidance. While social events belong under the duties of the Social Directors, I’d like to make a push for more fun ASCIT-sponsored activities for the whole campus in an effort to promote interhouse relations. We have a great support structure for student interactions that can take us further and more to the house than the relationships we will build the social aspect of our Caltech experience. In addition to that, I also want to work with the residents to have on campus for students and faculty. This committee will consider making the graduate school route. The future is a murky subject that catches my interest, and career counseling could help you consider alternative options even if you are planning to apply to graduate school.

Envy, what should you vote for me for ASCIT President? It’s simple — because I can make any change here at my ASCIT President well. I have been on ASCIT once before, and I understand that I’ll have to explain. I used to be on student government here at Caltech. Moreover, the leadership positions hold on various committees and as a student director, I believe it is essential to put one into a person capable of being ASCIT President. Time is money, and I feel that this is not a job for me, but I want to stress that when I make a commitment, I am going to make sure I keep my word. Just like how I am on the team, I am the California Tech, and both the tennis and volleyball teams because I care about them, I am running for ASCIT president and post-graduation guidance. While social events belong under the duties of the Social Directors, I’d like to make a push for more fun ASCIT-sponsored activities for the whole campus in an effort to promote interhouse relations. We have a great support structure for student interactions that can take us further and more to the house than the relationships we will build the social aspect of our Caltech experience. In addition to that, I also want to work with the residents to have on campus for students and faculty. This committee will consider making the graduate school route. The future is a murky subject that catches my interest, and career counseling could help you consider alternative options even if you are planning to apply to graduate school.

And because I can, I will be candid and fair. I will listen to you when you give me your opinions, and I will be open to issues from all perspectives before I make a decision. I’m not afraid of disagreement, and I will work to make sure that I look into ASCIT President and will work hard to make this next year a successful one.

My goal as ASCIT President is to improve the communication and collaboration between ASCIT and the student body as well as to get more student input on decisions that ASCIT makes. While it is true that I don’t have experience working with the ASCIT Board of Directors, I have served in similar leadership roles around campus. From this, I have formed strong relationships with many administrators. This will serve me well in what I believe to be the most crucial role of ASCIT President: advocating for the students. I also have strong relationships as well as friendships with many members of the current BoD, including the current ASCIT President and IHC Chair. This too, I believe will allow me to efficiently facilitate a smooth hand-off of my new administration as well as will provide a solid foundation.

If elected ASCIT President, I will work hard to make sure that, when expressed, everyone’s voice will be heard.
TREASURER

Chris Hallacy

Few would deny that this has been a tough year for all of us. However, one of the things that has always impressed me about Caltech is the strength and perseverance of the undergraduate community. We are always there for each other, ready to help, to serve, to lead. I want to contribute to that through the position of ASCIT Treasurer.

As a staff member of the current Treasurer, I have written MHF grants on behalf of ASCIT and assisted Maral in maintaining the budget. I know the financial issues that affect ASCIT and how to fix them. As Treasurer, I would speed up the club funding process. I would take a detailed look at the budget along with the rest of the BoC and make sure money is going to projects that will better the entire Caltech Community and bring the houses together.

BOC CHAIR

Aarathi Minisandram

Here are the basics: I am a sophomore in Fleming House running for the position of BoC chair. I am a Bio Engineering major. While I am running for this position unopposed, I still feel obligated to say a few words about what the job entails and why I would be qualified.

As BoC chair, I will be in charge of cases and will be having a lot of communication with professors and the deans, as well as the students. The primary purpose of the Board of Control is to uphold the Honor Code to protect the Caltech community. I am very excited to provide this service to the school and do believe very strongly in the Honor Code. Last year, I was BoC Rep-At-Large and have had experience in all positions in the BoC.

As far as changes are concerned, I would like to increase the community’s awareness of how the BoC runs and how cases are played out. Many people have expressed concern that the BoC is not well understood because of the secrecy associated with it for confidentiality sake. I feel like publishing a few general example cases would preserve defendants’ confidentiality while increasing knowledge and appreciation for the BoC.

I hope that the above information has been useful to you and look forward to being your BoC Chair. Please don’t hesitate to contact me if you have any questions or concerns about the BoC at armin@caltech.edu. Thanks!

ASCIT SOCIAL DIRECTOR

Addie Rice

Hi, I’m Addison Rice and I am running for ASCIT Social Director. I have a lot of experience planning events, including parties and performances for my high school’s German club, pasta parties for cross country, and a trip to Europe. I’m excited to collaborate with the student body to create exciting events. I understand that this position will require a lot of work, but I’m willing to put in the effort to make the next year fun.

CRC STUDENT CHAIR

Christina Weng

I have served as Lloyd’s CRC Representative for the past two years, and sitting on different cases with different members has provided me with substantial experience in the decision-making process. Each case requires the committee to make a difficult decision, and I always try to take all perspectives into account. It is often tough to determine the most appropriate ruling, and I understand that each student who appears before the committee has many commitments to this school—academic, athletic, extracurricular, and social.

Working under the leadership of two different CRC chairs has given me a wide perspective of the characteristics and requirements of a great leader. I understand the commitments necessary for the CRC chair, and if elected I will dedicate the full amount of time that are a result of our Honor System, and I am sure you have, too. I certainly enjoy not having to wake up early for exams and being able to collaborate with my friends on sets, among other advantages afforded by the Honor Code, and believe that an effectively and fairly run BoC is essential to uphold this system. I would be honored to continue to serve as a means of communication amongst the BoC, administration, and student body, in an effort to maintain the community of trust that is a result of the Honor Code.

BOC SECRETARY

Claudia Whitten

I have served as the Off-Campus Board of Control representative since last May, and have enjoyed helping the Caltech community uphold the Honor Code. If elected to the office of BoC secretary, I will continue to be there for the students. I feel capable of handling the position of BoC secretary, I will continue to be there for the students. In my time as Caltech undergraduate, I have come to appreciate the benefits of being a part of the community.

TECH EDITOR

Tina Ding, Hanna Liu, Rick Paul, Gabriel Mendoza

The Tech has had a rough year — mainly because it has been hemorrhaging regular student writers. Some graduate, most get buried in course work. The problem is not the lack of news but lack of news writers. We know this all too well — some of us have contributed to the Tech before. We care deeply about making the Tech feel like Caltech’s paper representative of Caltech’s high standards and passion for progress. It would be a shame for the university newspaper to turn into 4-leaf comic page. Yes, Caltech is small, but there is still great news to be reported, and we want to get it out there. We believe that with organization, creativity, and dedication, we can bring the paper back to life. In the past, the Tech has run out of steam because the responsibility for putting out a paper every week became overwhelming for just one or two people. This is not the case for us. We have split up our roles so that each person can focus on their own responsibilities. We know what this job entails, and we’re here to get it done.

NO: A CANDIDATE FOR ALL OFFICES

Perrin Considine

Thank you for whoever nominated me. However, I’d like to say that I don’t know if I’m the best candidate for Tech Editor. Those other guys look like they would enjoy it more, and I will probably continue editing The Underground. But I would like to say that although I am extremely opposed to tighty whities, I think people can do whatever they want in the privacy of their own pants and bedroom.

Editor’s Note: As of Friday, February 5th, the Review Committee Chairman listed Mariya Vasileva as running for Tech Editor.

Editor’s Note: Historically, “NO” has made a candidate statement. Tech of the statement is based on the January 19, 2001 issue of The California Tech.

Vote for the one in the know, the perennial favorite, the undisputed master of apathy, and the true guiding force behind Caltech.

It’s a clear choice. Yes or No? And I think we all know what the responsible choice is. So come election day, take a stand, and vote for no. Or, stay in bed and vote for me by not showing up.
Caltech is an amazing place to be and although not everyone seems infatuated with their work, we could be, and we should be. Learning can be fun, lectures can be entertaining, professors can become friends and undergraduates can do mind-blowing research. Though students have lambasted certain aspects of Caltech (such as poor teaching and poor student-faculty relations) for several decades, it is not clear that the pervasiveness of these features is due to lack of accountability, power, efficiency, budget optimization, idealism or enthusiasm. Actually, students (in conjunction with the administration and faculty) have been enormously successful, as evidenced by recent successes (fresh advising, P/F biology, concert, Harvey Mudd party), better class offerings (super-sections, special recitation sections, practical/analytical tracks, experimental tracks, seminar classes, research classes, student-taught classes), better communication (ARC, ombudsman, undergraduate TAs), better services (much better food, library services, health and counseling services), and in general, better living conditions. However, we certainly still have a ways to go. If nothing else, the path to Caltech++ is well documented and student-oriented: Caltech’s future can be glimpsed through the SET Report (2008), the Hunt Report (2007), the TURLI Report (2001), the Boyer Report (1998), the Chan Report (1996), the Aims and Goals Report (1990) and by countless editorials in The California Tech and minutes from the BoD, IHC, ARC, Student-Faculty Committees and the Faculty Board, and by the occasional SURF studying Caltech. In some departments, academics could improve merely by employing willing undergraduates as teaching assistants and publicizing research opportunities. Furthermore, the acquisition of research could be as easy as signing up for a class, especially if we encourage graduates to teach small classes related to their research. We could expound on our culture of collaboration by organizing study sessions that transcend Houses and Houses, and fills a niche unfilled by classes, recitations and office hours. We might also improve our framework of undergraduate option representatives such that upperclassmen help underclassmen acquire research and meet professors. In general, student involvement in Caltech’s evolution is two-fold: we need to engrain into the student culture an emphasis on learning and research, which should be differentiated from the current emphasis on classes and problem sets, and we need to unite Caltech’s major goals of educating the next generation and producing world-class research. Achieving these goals doesn’t need to be difficult or hard-won; we have the best administration in many decades, sufficient representation on committees and incredibly friendly faculty. It will require coordination and organization, but with a bit of luck and a lot of creativity, we can help Caltech evolve into the institution it’s bound to become — one with much better student-faculty relations, and one that consequently provides a better educational experience. It would be my pleasure to act as the Director of Operations, to serve on the BoD and to support student organizations and publications as a means to improve the student experience.

Write or take pictures when you can. We pay up to $30 for news articles.

We’re flexible.

Join us Monday or Friday at noon for free pizza on the Olive Walk, or send tech@caltech.edu an email if you’re interested in being a part of the Tech.
Understanding Attention Deficit Disorder

With Ken Herman, Ph.D.

Thursday, February 11th at Noon
Caltech Y Multipurpose Room
FREE LUNCH PROVIDED
Upcoming Games

Wednesday, 2/10
7:30pm M Basketball @ CMS

Thursday, 2/11
7:30pm W Basketball @ CMS

Friday, 2/12
2:30pm Baseball @ Pomona-Pitzer
3:30pm M Tennis vs. Hope Int’l

Saturday, 2/13
9am M/W Diving @ SCIAC Prelims
9:30am M Tennis @ CMS
9:30am W Tennis vs CMS
11am M/W T&F All-Comers
11am Baseball vs. Pomona-Pitzer
12noon W Swimming @ Mills
2pm Baseball vs. Pomona-Pitzer
5pm W Basketball vs. OXY ‘Pink Zone’
7:30pm M Basketball vs OXY

The Weekly Scoreboard

February 4, 2010
Women’s Basketball v. Cal Lutheran L (58-35)

February 6, 2010
Men’s Basketball v. Redlands L (100-73)
Women’s Basketball v. Redlands L (82-35)
On Going to the Bathroom Regularly...

By Zarathustra Brady

To delve deeply into going to bathroom regularly is an exciting adventure. At one stage or another, every man woman or child will be faced with the issue of going to bathroom regularly. Indispensable to homosapians today, its influence on western cinema has not been given proper recognition. Since it was first compared to antidisestablishmentarianism much has been said concerning going to bathroom regularly by socialists, obviously. Here begins my indepth analysis of the glorious subject of going to bathroom regularly.

Social Factors

Society is a simple word with a very complex definition. When Lance Bandaner said ‘twelve times I’ve traversed the ocean of youthful ambition but society still collects my foot prints’ [1] he could have been making a reference to going to bathroom regularly, but probably not. While the western world use a knife and fork, the Chinese use chopsticks. Of course going to bathroom regularly is crunchy on the outside but soft in the middle.

Status, Security, Fame - going to bathroom regularly, all revolve around this ‘golden fleece’. If society has a favourite child, it is going to bathroom regularly.

Economic Factors

The dictionary defines economics as ‘the social science concerned with the production, distribution, exchange, and consumption of goods and services’. We will study the Inter- Spam model of economics. The statistics make it clear that going to bathroom regularly is a major market factor. In spite of the best efforts of The World Bank the average wage will eventually break free from the powerful influence of going to bathroom regularly, but not before we see a standardised commercial policy for all. In the light of this free trade must be examined.

Political Factors

The media have made politics quite a spectacle. Comparing international relations since the end of the century can be like observing night and day. Let us consider the words of that silver tongued orator, the star of stage and screen Esperanza Woodpecker ‘The success of any political system can only truly be assessed once the fat lady has sung.’ [2] This clearly illustrates the primary concern of those involved with going to bathroom regularly. If I may be as bold as to paraphrase, he was saying that ‘political ideals are built on the solid cornerstone of going to bathroom regularly.’

Since the Renaissance going to bathroom regularly has become more and more prevalent. May it continue.

Conclusion

In my opinion going to bathroom regularly is, to use the language of the streets ‘Super Cool.’ It questions, invades where necessary and it brings the best out in people.

I will leave you with the words of Hollywood’s Nicole Hendrie: ‘My Daddy loved going to bathroom regularly and his Daddy loved going to bathroom regularly.’ [3]