**President’s Message**

Fall is upon us. Cooler days will be here soon, and there are subtle hints that the weather is changing. I love fall because it brings with it a reminder to slow down and observe the transition. Southern California may not be a place where leaves fall to the ground and stack up in enormous crunchy piles begging us to jump in and revel in their scratchy sounds, but here we still welcome the season with piles of bright, beautiful pumpkins in stores and a reminder that the holidays are only a few weeks away.

In the spirit of welcoming this new season, we celebrated the start to our centennial year with our Fall Gathering a few weeks ago. It was a lovely event and a great beginning to the year. We also had a great Activities Fair with many new people stopping by and learning about who we are. We will continue celebrating throughout this season, welcoming new people with our Open House on November 17th and reflecting on our past with our Centennial Tea on November 10th. Soon December will be here, and with it the Holiday Luncheon on December 9th. All of these events are wonderful times to gather together and enjoy time with friends.

With Thanksgiving almost in view, I hope that you and your families have time to enjoy this month and all the beauty that it brings. In the midst of all of our busyness, it is nice have moments when we can take time to pause and remember what we are thankful for. Since taking this role as president, so many of you have shared wonderful stories about times you have spent building memories with others in our community. I know that with 100 years behind us, there is much to be thankful for the way that the CWC contributes to our community and our lives.

I cannot think about the CWC without being reminded that I am thankful for a community where I have friends with whom I have shared laughs and am constantly creating good memories. And even though we are an organization that provides great activity groups and wonderful resources, I think that those times together are what we are really all about.

So as we welcome fall and the cooler weather and prepare to gather with family and friends for the Thanksgiving holiday, I hope that you are able to take some time to reflect on what you are thankful for and to enjoy all the beauty that fall brings.

Brooke Anderson

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**Issue Highlights**

<table>
<thead>
<tr>
<th>Page</th>
<th>Event Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>Open House at the Rathskeller al Fresco</td>
</tr>
<tr>
<td>6-8</td>
<td>A Century of Sharing</td>
</tr>
<tr>
<td>10</td>
<td>Fall Gathering</td>
</tr>
<tr>
<td>11</td>
<td>Tour of the LA Times</td>
</tr>
<tr>
<td>12-13</td>
<td>Caltech’s Original Master Plan</td>
</tr>
</tbody>
</table>

**Save the Date**

**November 10**
Afternoon Tea, 3:00 pm
The Athenaeum

**December 9**
Holiday Luncheon, 11:30 am
The Athenaeum
For updated calendar information, see www.cwclub.caltech.edu.

**CWC Board Meeting**
Wednesday, November 4, 11:30 am to 1:00 pm, Millikan Board Room.
All are welcome.
Childcare is available during CWC Board meetings but reservations need to be made in advance. Email Melanie Coyne (melcoyne@caltech.edu) or call 818-354-3418 no later than Monday 12 noon before each Wednesday board meeting. Please provide the age and name/s of your child/ren.

**CATS Study and Business Meeting**
Tuesday, November 2, Athenaeum Mezzanine.
Study Session: 10:30 am to noon.
Business Meeting: noon to 1:00 pm.
Contact: Romy Wyllie (626-794-7773).

**CATS Campus Tours**
Thursday, November 19, 10:30 am.
Tours last between 1.5 and 2 hours.
Meet at the Athenaeum, 551 S. Hill.
To make a reservation, contact James Muro (626-395-4654), or complete the reservation form on cats.caltech.edu.

**Playgroup Email List**
To be added to the Playgroup mailing list, email playgroup@caltech.edu.

**CWC Playgroup**
Tuesdays, 10:00 am to noon, Tournament Park. Contact: Karla Horst (kghorst@gmail.com).

**Toy Library & Household Equipment Loan Pool / Furniture Pool**
Open every Tuesday from 4:00 pm to 6:00 pm and Thursday from 10:00 am to 12:00 pm (except holidays). 234 S. Catalina Ave., rear house. Contact: furnpool@caltech.edu.

**Activities and Interest Groups**

**Morning Book Discussion Group**
Monday, November 9, *People of the Book: A Novel*, by Geraldine Brooks. Meet for breakfast at the Athenaeum (membership of the Athenaeum is required to order breakfast), 8:00 am. Contact: Micheline Vogt (626-794-7823) by the Tuesday prior to the meeting date to make a reservation.

**Book Lovers’ Soirée**
Monday, November 9, *The Martian*, by Andy Weir. 7:30 to 9:00 pm, Rathskeller. Contact: Sonya Wierman (sonyawierman@gmail.com), Barbara Weber (818-790-2159, gobarbweb@gmail.com) or Laurie Yeomans (818-790-4984, leyeomans@hotmail.com).

**Caltech Women’s Investment Group**
Wednesday, December 3, 7:00 pm.
Any guest wishing to attend a CWIC meeting needs to RSVP. Contact: Barbara Weber (818-790-2159, gobarbweb@gmail.com).

**Hiking Group**
Thursday November 19, 8:30 am.
Echo Mountain
5.47 miles round trip
About 3.5 hours with breaks
Elevation gain : 1330 feet
The trailhead begins at the intersection of East Loma Alta Drive and Lake Avenue in Altadena. Located at the entrance of the Cobb Estate (top of Lake Ave). You can park on the street. We will meet at the big gate outside. Bring a snack and water.
Dogs, children and guests (for a $3 charge) welcome. Contact Eva Schlik (323-255-5961, schilk8@gmail.com).

**Caltech Playreaders**
Theater of the Imagination,
65th Season: “The Price of Ambition”
Tuesday November 3, 8:00 pm,
Athenaeum Hall of Associates,
*Photograph 51* by Anna Ziegler.
Directed and Introduced by Arden Thomas.
In 1953 Rosalind Franklin painstakingly pours herself into her work at Kings College Lab in London, making an astonishing photograph that ultimately confirms the double helix structure of DNA, the breakthrough of the 20th century.
No reservations are needed to attend the reading but are requested for those planning to dine at the The Athenaeum beforehand (reservations please at 626-395-8200). You are welcome to join The Playreaders table which is seated promptly at 6:00 pm to make the 8:00 pm curtain time. The table need not be full before ordering.
Admission for Caltech Women’s Club (CWC) members is $3 and $4 for all others. Contact: Diana St. James (saintj@caltech.edu).

**Wine Tasters**
Wine tasting events are held at gracious hostess’s homes and feature potluck dinners, usually based on a theme. To receive information on upcoming wine tasting events contact Sara Tompson (saratifr@gmail.com) or Lauren Halatek (halatekl@gmail.com).

**Upcoming Events**

**Garden Adventures**
Saturday, November 7, 10:00 am, Waldo Ward and Sons Gourmet Foods. See page 11.

**Open House**
Tuesday, November 17, 8:30 - 10:00 am, Red Door Cafe. See page 5.
Caltech Women’s Club Centennial Holiday Luncheon

Wednesday December 9, 2015
11:30 AM to 1:30 PM at the Athenaeum

$36 for faculty/staff and guests
$25 for post-docs/students/spouses and guests

Reservation forms & payments are due no later than Tuesday Dec. 1

Member Name:__________________________________________________________________________________

Guest/Spouse name(s) ____________________________________________________________________________

No. of faculty/staff/spouses and guests: ________ x $36 = $________
No. of students/postdocs and guests _______ x $25 = $________

Total No. of Attendees: ___________ Total Amount Enclosed: $___________

No. of Vegetarian Meals_________

Member’s phone# & email address:
____________________________________________________________________________________________

Please return completed reservation form and check payable to Caltech Women’s Club

Caltech Women’s Club, California Institute of Technology
Attn: Holiday Luncheon
1200 E. California Blvd., Mail Code 104B
Pasadena, CA 91125

For more information please contact Parvin Forouhar at (626) 577-7625
2015–16 SEASON

SUNDAY, NOVEMBER 1, 2015/3:30 PM
Chamber Music Society of Lincoln Center
Coleman Chamber Concert

SUNDAY, NOVEMBER 22, 2015/3:30 PM
Elias String Quartet
Coleman Chamber Concert

SATURDAY, NOVEMBER 14, 2015/8 PM
Good Lovelies
Swinging Harmonies and Hilarious Tales

Earnest C. Watson Lecture Series
WEDNESDAY, NOVEMBER 18, 2015 / 8 PM
CHOOSING THE T-CELL PROFESSION:
HIGHER EDUCATION FOR STEM CELLS
Ellen Rothenberg
Albert Billings Ruddock Professor of Biology

Ask about your Caltech discount.
All events will be held in Beckman Auditorium.
Call for tickets: (626) 395-4652  www.events.caltech.edu
**Open House at the Rathskeller Al Fresco**

Our first Open House of the year took place at the Rath Al Fresco. On a beautiful night under the large tree in the corner of the lawn, almost 40 members and prospective members came together to catch up with old friends and make new ones. Several members brought their families, and everyone enjoyed the appetizers and beverages. Please join us and bring a friend along to our next Open House on November 17th at the Red Door between 8:30 and 10:00 am.

Brooke Anderson

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**CWC Open Houses**

Furniture Pool/Toy Library
Volunteers are needed to help organize or clean items at the Furniture Pool/Toy Library. If you are interested, please email Maria Johnson Kriechbaum (mkriech@gmail.com).

Meals for Moms
A coordinator is needed for the Meals for Moms program to help arrange meals for new moms. Email Ella Cameron (ellacameron@gmail.com) for more information.

English Conversation Group
We need someone who would like to lead our English conversation group. This group is an informal, conversational gathering that focuses on getting together to practice English in a relaxed environment by simply talking and getting to know each other. Please contact Brooke Anderson (brooke.anderson@caltech.edu) if you are interested.

---

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Free Demo RSVP: 626-398-4159
www.foothillsmusictogether.com

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**Call for Volunteers**

**Furniture Pool/Toy Library**
Volunteers are needed to help organize or clean items at the Furniture Pool/Toy Library. If you are interested, please email Maria Johnson Kriechbaum (mkriech@gmail.com).

**Meals for Moms**
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---

**CWC Open Houses**

Fall 2015
Please join us for a casual get together to learn more about the Caltech Women’s Club and gather with friends old and new. Children and families are more than welcome and no RSVP is needed. Just drop on by and enjoy light refreshments.

Tuesday Nov. 17th
8:30 – 10:00 am
at
The Red Door Café
(just around the corner from the bookstore at Caltech)

For more information, please contact Brooke Anderson at brooke.anderson@caltech.edu
1920 – 1940: Focus

In 1921, when University of Chicago physicist Robert Andrews Millikan arrived on campus to assume the role of Chairman of the Executive Council, he completed Caltech’s great formative triumvirate—Hale, Noyes, and Millikan. Then, the United States scientific community was small and the three knew each other, most notably from work on the National Academy of Sciences’ National Research Council, founded by Hale in 1916 at the outbreak of World War I to foster science for national defense.

To put faces to names, call to mind the portrait that watches over the Main Dining Room in the Athenaeum. On the right is trustee George Ellery Hale, whose energy was almost as inexhaustible as his vision. Though he was instrumental in the larger arena of United States science, we know him as having perceived the potential in the fledgling Throop Polytechnic Institute, bringing first light to the 100” mirror on Mount Wilson and prodding Pasadena to grow into the “Athens of the West.” Even as the telescope on Mount Wilson settled into its bushings, he laid plans for the 200” mirror on Palomar Mountain.

On the left is Arthur Amos Noyes. He was unhappy with the conservatism of engineering at MIT, so the unformed nature of Throop appealed to him, as did the inducement of a new chemical laboratory. The country’s leading physical chemist, Noyes was famous for landmark, many-edition textbooks and for founding the forerunner of Chemistry Abstracts. At heart, however, Noyes was a teacher and scientist. A speech at Throop in 1915 defined the philosophy that would not only shape Caltech but influence higher education in the country:

“The main field for educational institutions is research in pure science itself—a study of fundamental principles and phenomena, without immediate reference to practical application.”

In the portrait Millikan stands center stage. He was, next to Albert Einstein, the most noted man in American science. Before coming to Throop, both his famous oil-drop experiment that determined the charge of the electron and his work on the photo-electric effect had far-reaching influence. Upon his arrival at the newly-named Caltech in 1921, he, like Noyes, settled into a brand-new research lab. He and his wife, Greta, would preside over the campus for a quarter of a century.

Millikan won the 1923 Nobel Prize in Physics, just the third American to receive the medal. The honor brought international fame to the young campus.

And what were the grounds on which all this intellectual grandeur stood? Well, four buildings on raw land, devoted solely to the education of men. The women on the board of trustees had vanished during the earlier transition to Throop College of Technology. Aside from a few women secretaries on the staff, the Women’s Club was the only feminine presence. In the words of an early newspaper clipping, it was, surely, “an expression of the social life on campus.”

We entertained ourselves with the usual teas in members’ homes. We danced in Culbertson Hall, a long-gone little jewel of an auditorium. Flipped pancakes at Holiday parties. And occasionally threw fancy shindigs at one of Pasadena’s fashionable resort hotels.

For decades, Seymour Thomas’ 1929 portrait of Caltech’s founding fathers has presided over the main dining room of the Athenaeum. Left to right: Arthur Amos Noyes, who was instrumental in designing curriculum and the school’s educational philosophy; Robert Andrews Millikan, legendary chair of the Executive Council from 1921 to 1945; visionary trustee George Ellery Hale. (Photograph by Alice Stone)
The campus grew. Its oft-stated aim was to do only a few things, do them well, and add divisions only when necessary. At the beginning, there was Physics and Chemistry. By 1927, the school had added Biology and Geology. To provide a collegial meeting place, in 1931 the Athenaeum opened its doors, one of the premiere faculty clubs in the country. And there, the Women’s Club found a home.

If there was a written constitution, it has since disappeared. However, in scanning early clippings and Bulletins, it’s clearly apparent that the Club reflected its milieu. The first of its traits was much in evidence: focus.

Because of our early emphasis on promoting a meaningful social life, we have never tasked ourselves with fundraising, as have some other college women’s clubs. That has left us free to do what we find most needful for our members: the promotion of “friendliness and the sharing of mutual interests.” And we concentrated on that. For instance, we organized a Spanish class in 1931. Taking advantage of the Athenaeum, we presented more formal programs. And most important, remembering how we all felt when we first arrived and stepped foot onto the strange campus, we welcomed newcomers.

At the end of the decade, the Great Depression gripped the country. And if one looked east—and west—war loomed on each horizon. The Women’s Club, and the Institute, would soon welcome more than just new academic divisions.

Notes:
1. This is adapted from a 2005 talk for the Women’s Club 90th anniversary.
2. From the Caltech bookshelf:
   - Judith Goodstein, Millikan’s School, 1992. The cornerstone for Caltech history.

Next Month: Flexibility

Continued on page 8
building with half a dozen young graduate students asking for dates and dropping in for coffee . . .

Not long after her marriage, Eleanor joined the Women’s Club:

My first introduction to the Women’s Club was . . . some twenty or thirty wives sitting in a circle with their sewing. . . . When they broke up for refreshments . . . I felt very out of it, but in a moment many of them came over to greet me and from that time on I felt very much a part of the club . . . .

In [the 1920s] it was considered essential to wear gloves, hat, and veil to the teas, and in October, no matter how hot it might be, we had to appear in our new heavy dark fall clothes.

Mrs. Millikan was really remarkable. . . . She instituted Sunday teas at her home for the students, inviting some of us young wives to give them, as she said, proper cultural training.

---

**Helen Smythe, President 1928/1929**

Helen Smythe too remembered Greta Millikan who set the tone for the Club and much else:

We all, when we first came here, lived in the bungalow courts near the campus. . . . One year . . . Greta Millikan took up the idea that being a good president’s wife meant calling on people in the fall before the Club year started. It became a sort of telephone watch, because people would call one another and say, “She was just here!”

---

**Elizabeth Swift, President 1929/1930**

Welcoming newcomers then as now was an important part of the Club, but took a different form than today’s more casual customs. Elizabeth Swift took the responsibility seriously:

Those were the days when every new faculty wife was paid a formal welcoming call. In my best afternoon dress, hat and white kid gloves, and armed with my calling cards, I would sally forth. . . .

Programs reflected current and sometimes controversial interests:

[When] I was president of the Women’s Club. . . [someone] suggested Margaret Sanger, who was then in the area . . . talking to . . . anyone interested in forming planned parenthood groups.

She accepted . . . and invited [a few of us] to lunch. . . . It developed that the purpose of her luncheon was to organize a committee . . . to act as hostesses at a dinner. . . . At this dinner . . . I sold tickets at the door and felt very much a crusader for women’s rights.

And she wistfully remembered other gatherings:

One of the social events of that earlier era was monthly faculty dances held in the basement of Culbertson Hall. You would be surprised by the beautiful dancers of the old school type. I would like to have one more waltz with dear old Jimmy Bell.

---

**CWC DONORS**

Thank you to the many generous members who make a donation to the club to subsidize program activities:

- Carol Andersen
- Emily Baird
- Patricia Beauchamp
- Kathryn Bikle
- Regina Birkhofer-Gross
- Ann Breckinridge
- Kathleen Campbell
- Margaret Campbell
- Judy Collins
- Fritzie Culick
- Carol Currie
- Kay Davis
- Valerie Elachi
- Norma Estabrook
- Katherine Faber
- Christine Fredericksen
- Diana Granat
- Marcia Cole
- Andree Helou
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- Susan James
- Michele Judd
- Linda Kamb
- Lydia Knauss
- Marlene Konnar
- Laurie Kovalenko
- Genevieve Lucas
- Beatrice Mack
- Anne McKoy
- Annamarie Mitchell
- Gloria Mullendore
- Sandra O’Rourke
- Maria Suzuki Politzer
- Connie Shair
- Mariella Soprano
- Linda Spilker
- Alice Stone
- Jane Valentine
- Kalfie Van Zyl
- Barbara Weber
- Sonya Wierman
- Romy Wyllie
- Sophia Yen
- Laurie Yeomans

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**CALTECH Y CENTENNIAL 1916-2016**

**CALTECH Y**
MAKING A WORLD OF DIFFERENCE

Join us as we celebrate our centennial anniversary

**CALTECH Y FRIENDS EVENTS**

**CALTECH Y FRIENDS DINNER WITH PROF. KATHERINE FABER**
Tuesday, November 10th
The Athenaeum

**CALTECH Y FRIENDS DINNER WITH PROF. KIP THORNE**
Thursday, February 4th
The Athenaeum

The Friends are the primary supporters of the Caltech Y. It is through generous contributions of our Friends that the Y is able to continue its longstanding mission of reaching out to the Caltech community with fresh ideas, student programming and active community service. Thank you for your continued support.

For more info and to RSVP visit:
www.CaltechY.org or www.CaltechY100.org

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**COTTAGE CO-OP NURSERY SCHOOL**

Visit us at our Open House:
Saturday
November 14, 2015

2016 Info Nights:
Thursday, January 14
Wednesday, February 3
Thursday, February 18

Please complete the admissions form on our website and we will send you an invitation!

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**Our House:**

Saturday
November 14, 2015

Please complete the admissions form on our website and we will send you an invitation!

www.cottagecoop.org

Where parents & children grow together through play.
Founded in 1972
**Fall Gathering**

Almost 80 people attended the Fall Gathering, held in the beautiful Athenaeum courtyard. This was the official start of our Centennial year and it will be followed by a number of celebratory events throughout the year.

We were welcomed by our President, Brooke Anderson, who reminded us of the many things and events that happened 100 years ago, like the suffrage movement being in full swing, Einstein's book on Relativity being published, and gas selling for 14 cents a gallon. Past Presidents were recognized by a special nametag rosette and a group photo was taken to be preserved in the Archives as a memento of this important milestone in the life of the Club.

A special thank should be given to the organizers of this event, Judy Collins and Sandhya Ravichandran. We should also thank Vilia Zmuidzinas who helped in liaising with the Athenaeum for planning the delicious lunch and table settings.

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**CWC Presidents Recognized at the Fall Gathering**

Brooke Anderson recognized twelve attending past presidents who served over the last thirty years and thanked them for their leadership. Sandhya Ravichandran created special decorative nametags for each past president.


**WANT TO JOIN CATS?**

**NEW MEMBERS NEEDED**

CATS (Caltech Architectural Tour Service) will offer a training program for new docents starting October 6, 2015. It is really important that new members join by this date in order to take advantage of the study sessions.

CATS is a group of Women’s Club members who have been giving architectural tours of the campus since 1985. We hold a one-hour study session followed by a one-hour business meeting in the Mezzanine of the Athenaeum on the 1st Tuesday of the month starting at 10:30 am, October 6, 2015. In addition to gathering information on the campus buildings, we take occasional field trips to places of architectural interest.

Anyone can join - all you need is an interest in the campus and some flexible time. We have a complete script of our tour material and give personal training to new members. If you are remotely interested, why not come to our meetings and find out more about us? Call Romy Wyllie, (626) 794-7773 for more information, or by e-mail: romy@caltech.edu.

Also check out our web site: http://cats.caltech.edu.

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**Garden Adventures**

**FALL 2015**

The Garden Adventures Fall program will be a behind-the-scenes tour of the Waldo Ward and Sons Gourmet Foods

Built in 1891
This family owned business produces jams, jellies, sauces, olives and other products you can use to enhance your holiday meals and mail to your family and friends.

We will meet Saturday November 7, 2015 at 10 AM
E. Waldo Ward is located at 273 E. Highland Ave.
Sierra Madre, CA 91024

They have an informative website where you can learn more of their history and view the products.

Please RSVP by November 1, 2015 to Kathleen Slater (626) 577-0067

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**TOUR OF THE LOS ANGELES TIMES**

Fourteen club members and relatives took a tour of the Los Angeles Times in its historic downtown building designed by Gordon Kaufman. The tour started in the stunning lobby, which holds a historic linotype machine. We then proceeded upstairs through a warren of rooms including the newsroom. We were led down corridors lined with images and posters detailing the accomplishments of writers and photographers who have won Pulitzer Prizes while providing coverage for the LA Times. We even went past the test kitchen where recipes are actually tried out. The tour included an old fashioned reference section, as well as archives which hold traditional newspaper clippings. We learned that the Los Angeles Times has been publishing continuously since 1881, without ever missing an issue.

*Katie Clark*
Caltech owes the beauty of its campus and architecture to one man, the famous astronomer George Ellery Hale. He felt scientists and engineers should be educated in the humanities and that tasteful architecture and luscious landscaping would help the students appreciate the aesthetic values of life.

Hale joined the Board of Trustees of Throop Polytechnic in 1907. Envisoning the importance of educating leaders for the fast growing state of California, Hale persuaded Throop’s trustees to change the focus of their school from manual arts training to a college of science and engineering. Although Amos Throop had founded a University in 1891 with a plan to add a law school, lack of funds and students forced a change in direction to Throop Polytechnic Institute with Charles H. Keyes as President. Throop himself had succeeded in business and politics through hard manual work and little education. He felt that young men and women would learn more from practical classes than immersing themselves in books. His motto was “Learn by Doing.” Initially, the University was housed in the Wooster Building at the corner of Fair Oaks Avenue and Kansas Street (now Green Street) until 1893 when two additional classrooms were constructed on Chestnut Street between Fair Oaks and Raymond Avenues. Amos Throop died in 1894 at the age of 82 leaving a legacy for others to cultivate.

Soon after Hale became a board member, he was asked to find a new President. James A. B. Scherer, head of Newberry, a small religious college in South Carolina, accepted the invitation in 1909. Scherer’s first task was to dismantle the six schools (elementary to college) of Throop Polytechnic, eliminate women, and reduce the student body by one third to an all male institution of higher learning. At the same time the directors felt that the Institute should leave the tight confines of the city and move to an open campus. Trustee Arthur Fleming, a successful attorney and owner of one of the largest lumber companies in the west, gave the land — a 22-acre site planted with orange trees. It was bordered by California Boulevard on the south, San Pasqual Street on the north, Wilson Avenue on the west, and Holliston Avenue on the east.

Hale stipulated that the new campus should be planned as a unit with a style of architecture that would fit the climate and history of California. At first Myron Hunt and Elmer Grey, who had formed a partnership in 1903, were hired to develop a master plan and to design the first building completed in 1910, Pasadena Hall. Hunt and Grey’s plan consisted of fourteen two-story buildings flanking a rectangular courtyard with Pasadena Hall dominating the grouping at the eastern end. The style of architecture has been described as Mission with Mediterranean overtones featuring stucco walls, red-tiled roofs, cloisters and patios. When the school was renamed the California Institute of Technology in 1920, Pasadena Hall became Throop Hall in recognition of Amos Throop.

In 1915, Hale visited the newly opened Panama California Exposition in Balboa Park, San Diego. He was so enthralled by the true Spanish spirit and exoticism of the architecture that he urged Throop’s trustees to hire the architect responsible. He realized that its creator, Bertram Grosvenor Goodhue (1869-1924), was “a pure genius.” Hale felt that Hunt and Grey’s designs lacked vitality and definition. He sensed that the spirit of the Exposition was much closer to what he envisioned for the Throop campus.
Goodhue was a renowned New York architect who, with his partners Ralph Adams Cram and Frank William Ferguson, had already become known for designing churches in the style of medieval Gothic. In addition, Goodhue was a born romantic who had found inspiration in travels through Mexico, Spain, Persia, and India for designs that recalled Moorish influences in the form of tiled domes, tall towers, and doorways surrounded by florid Churriguerese decoration. Thus it was easy for Goodhue to agree with San Diego’s leaders that “Spanish” was appropriate for their Exposition. Like Hale, Goodhue felt that the style was right for California with its Mediterranean climate and history linked to Spain.

Sympathetic to each other’s ideas, Hale and Goodhue became close friends, a friendship that has continued through three generations. Although Goodhue’s theme for Caltech was Spanish — in fact Goodhue described it as “Spanish Renaissance” - he also spoke of taking his ideas wherever he found them. Goodhue did not copy historical styles. Instead he studied them, used them as inspiration, and reworked the form and details to meet the requirements of the project and the region in which it was being developed. Goodhue’s master plan for Caltech was based on a classic axial arrangement, which provided structure for the layout and organization of the academic groupings. The Spanish theme was expressed through arcades linking the buildings, providing shelter and an urban front; courtyards, both small and large; reflecting pools and fountains; colorful tile work for interior water fountains and exterior alcoves; and Churriguerese decoration around doorways and important windows. Inspired by a visit to the Taj Mahal in India, Goodhue planned to have one building with a blue-tiled dome as the focal point of the campus. It would be visible from all around. When Scherer refused to let the architect add to the existing Throop Hall, Goodhue designed a “Memorial Building” to be located on the opposite side of the central square. Starting from Wilson Avenue, Goodhue created a Taj Mahal-approach to the domed building. This consisted of cypress trees bordering a long reflecting pool with small bridges or “bunds” breaking the pool into sections.

Unfortunately, Goodhue died unexpectedly in 1924, only eight years after starting work on Caltech’s master plan. Before his death, Goodhue had finalized the design and most of the construction of five buildings (East and West Bridge, Bridge Annex, the High Voltage Laboratory, and Culbertson Hall—later demolished). Although the domed Memorial Building was never realized, Goodhue’s New York firm, the Goodhue Associates (later renamed Mayers, Murray & Phillip), completed eleven more academic buildings of the original plan. From 1928-1930, Gordon Kaufmann retained the spirit of Goodhue’s scheme with his designs for the eastern end of the campus — the Athenaeum and the South Student Houses.

Goodhue’s simple rectilinear buildings, with their restrained decoration and arcades, flank the east-west axis. An intersecting south to north axis creates an important central courtyard. In agreement with Caltech’s leaders, Goodhue believed in the integration of landscape and architecture. Thus Hale’s dream of “shaded portales, planted patios, sheltering walls, Spanish tile and Persian pools” was satisfied and forms the basis for what is considered one of the most beautiful campuses in the United States.

This is the 28th in a series of articles about the campus by members of the Caltech Architectural Tour Service (CATS).
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CWC Bulletin  Contact: Liz Jackman, ljackman@caltech.edu, 626-395-6163. The Bulletin is published each month between October and May (except for January). Items that you think would be of interest to the membership are always welcome. Our next issue will be published at the beginning of November. To help defray the cost of publishing, the Bulletin carries advertisements that are sponsored by, and may be of interest to, our members. The cost of adverts can be found on our website under “Publications.” If you would like to place an ad in the Bulletin, please contact the Bulletin Business Editor, Liz Jackman.

Website  Contact: Marcia Brown, marciab@caltech.edu, 626-345-1956. The CWC website is www.cwclub.caltech.edu. Go to the website for information on upcoming events and downloadable reservation forms for CWC events. To post information about an event or activity, contact Marcia.

CWC Pasadena Area Guide  Contact: Karen Brunschwig, kabrunschwig@gmail.com. The Pasadena Area Guide is a resource for both newcomers and longtime members. It features recommendations for services, restaurants, shops, and activities, as well as useful information about the local area, and opportunities for volunteers. The guide is on the web at www.cwclub.caltech.edu/publications/area-guide.html. Please email your additions, revisions, or deletions to the Area Guide Editor, Karen Brunschwig. Thank you for helping to make the Guide a valuable resource for the members of our community.

Goodwill Representative  Diana Granat is this year’s “Goodwill” representative. She writes thank-you notes, get-well cards, congratulations, condolences and other such missives to CWC members and families. If you know of anyone who would benefit from hearing from the CWC, please contact Diana by email, diana.granat@hotmail.com, or on her cell phone, 626-710-0761. She will be happy to oblige with a note or card.

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Welcome New and Returning Members!

Welcome to our recently joined new members and our returning members. We hope to see you soon at our programs and events!

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