



FRIENDS OF THE  
**COWELL LIME WORKS HISTORIC DISTRICT**

UNIVERSITY OF CALIFORNIA, SANTA CRUZ

INAUGURAL CONFERENCE ON  
**LIME AND LIME KILNS IN CALIFORNIA HISTORY**

SATURDAY & SUNDAY, AUGUST 8 & 9, 2009

Lime played a vital role in California history from the Mission era into the early 1900s. As the principal ingredient of mortar, plaster, and stucco, lime was critical to the development of California's cities and towns. Historic lime kilns, quiet reminders of the lime industry, remain standing in many areas of the state, some of them in parks.



Workers preparing to load lime barrels for shipment. (Special Collections, University Library, UC Santa Cruz)

The Friends of the Cowell Lime Works Historic District, UC Santa Cruz, is proud to host the first-ever conference on the history of lime and lime making in California. Profits from the conference will benefit restoration projects in the Historic District, at one time the site of California's largest lime works. The conference is open to anyone interested in California history. This will be a great opportunity to ask questions and share information.

**SPEAKERS AND TOPICS (SATURDAY)**

**DATES AND TIMES:**

**Saturday, August 8th**, 10 a.m. to 4 p.m. Lectures, exhibits, includes box lunch and refreshments

**Sunday, August 9th**, 9:30 a.m. to 12:30 p.m. Field trip, includes Continental breakfast

**LOCATION:**

**Saturday**, Horticulture II building, UC Santa Cruz, Arboretum.

[Directions](#) [Map](#)

**Sunday**, Cardiff House (Women's Center), Cowell Lime Works Historic District, UC Santa Cruz [Map](#)

**HOSTED BY:**

[FRIENDS OF THE COWELL LIME WORKS HISTORIC DISTRICT](#), UC Santa Cruz

**SPONSORS:**

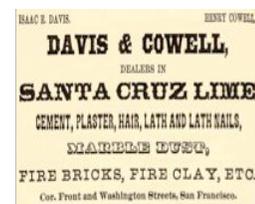
Agricultural History Project  
City of Santa Cruz, Historic Preservation Commission  
Friends of Santa Cruz State Parks  
Mountain Parks Foundation  
The Museum of Art & History  
Pajaro Valley Historical Association  
Santa Cruz Archaeological Society  
Santa Cruz Museum Association

**FRANK PERRY. WELCOME AND BRIEF OVERVIEW OF LIME AND ITS IMPORTANCE.**

**KARIN L. GOETTER. WILLIAM GWYNN AND THE HISTORY OF LIME MAKING IN BUTTE COUNTY, CALIFORNIA.** Though not well known today, William Gwynn was a fascinating character and a pioneer California lime manufacturer. Gwynn began his operations in the Sierra foothills during the 1850s, eventually teaming up with his brother-in-law, Henry Holmes.

**SALLY MORGAN. LIFE AT THE LIME KILNS: ARCHAEOLOGICAL EVIDENCE FROM THE COWELL LIME WORKS HISTORIC DISTRICT.**

Recent excavations by archaeologists unearthed a treasure chest of historical artifacts, including farm tools, coins, sea shells, animal bones, and a variety of bottles—even an opium bottle. Combined with oral histories, old newspaper stories, and historical photographs, these artifacts help flesh out what it was like to live and work here in the late 1800s and early 1900s.



## FEES:

**Saturday & Sunday:** \$60, for members of the host & sponsoring organizations; \$75.00 for non-members (includes lectures, Saturday lunch, Continental breakfast & field trip on Sunday)

**Saturday Only:** \$45, for members of the host & sponsoring organization; \$55 for non-members (includes lectures & lunch)

**Sunday Only:** \$15, for members of the host & sponsoring organization; \$20 for non-members (includes field trip, lectures & Continental breakfast)

[Save now](#) by becoming a member of the Friends of the Cowell Lime Works Historic District!

## REGISTRATION:

Please fill out the attached registration form and mail by the deadline, or register online at

<http://community.ucsc.edu/limekilnconference>

Email us at [limeworks@ucsc.edu](mailto:limeworks@ucsc.edu) if you have any questions. **Deadline for registration is July 31, 2009.** No refunds after that date.

## LODGING:

[Santa Cruz County Conference and Visitors Council](#) maintains a list of seaside resorts, hotels, and B&Bs for every budget. For some of our personal favorites [click here](#)

## DINING:

Local food critic [Christina Waters](#) has graciously provided us with a list of her favorites [click here](#)

## PARKING:

Parking is limited so attendees are urged to carpool. Download [Map](#)

## ABOUT THE COWELL LIME WORKS HISTORIC DISTRICT:

[Brief History](#) of the Cowell Lime Works; read our inaugural [newsletter](#)

## ABOUT UC SANTA CRUZ:

[Overview](#) of Academic and Research Programs

## ABOUT SANTA CRUZ:

[Cruzio](#) provides a complete listing of local beaches, parks, cultural events, movies, museums, and shopping.

## ROBERT W. PIWARZYK. LIME KILN INTERPRETATION: PERSPECTIVES FROM A DOCENT/ HISTORIAN.

Long-time docent Bob Piwarzyk will share some of his experiences as a tour guide and explain how he has met the challenge of explaining lime and lime kilns to people of all ages. Bob may even introduce us to his alter ego, a lime worker named Emil.



Joe Michalak

## TOM SCHREINER. CONTEMPORARY LIME MAKING IN MEXICO AND CENTRAL AMERICA: CLUES FOR INTERPRETING EARLY-DAY CALIFORNIA KILNS.

In parts of Latin America people continue the tradition of manufacturing lime in stone kilns with wood for fuel. Such methods disappeared in the United States in the early 1900s. Study of these methods today can help us better understand some of the details of how California's historic lime kilns operated.

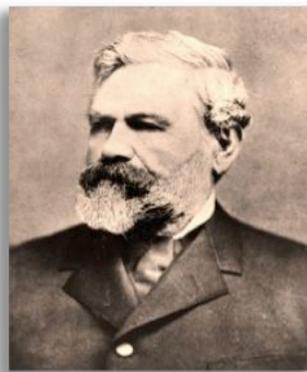
## FRANK PERRY. THE LIME KILNS OF POGONIP: A CASE STUDY IN HISTORICAL RESEARCH.

The story of these kilns, including who operated them and when, was nearly lost. Frank will share the detective story of how their surprising history was uncovered through dogged research, luck, and serendipity.

## JULIA G. COSTELLO. LIME PROCESSING AND USE IN SPANISH AND MEXICAN CALIFORNIA.

Lime was essential to the Spanish and Mexicans and was used at all missions, presidios and pueblos. It was not only used in construction but also to process corn and to prepare animal hides for making leather.

## PATRICIA PARAMOURE. HENRY COWELL, LIME BARON OF SANTA CRUZ COUNTY: HIS PUBLIC AND PRIVATE LIFE.



Better known today for the state park that bears his name, Henry Cowell was best known in the late 1800s for his lime company. He owned plants in several parts of northern California and in Washington. Through recent investigations, the story of this enigmatic and very private person is slowly coming to light.

Courtesy, The Museum of Art & History

## EXHIBITS: (SATURDAY ONLY)

PHOTOGRAPHS AND ARTWORK from the book [Lime Kiln Legacies](#)

PHOTOS of [Historic California Lime Kilns](#) by David Dawson

[ARTIFACTS](#) from the Cowell Lime Works Historic District

## FIELD TRIP (SUNDAY, 9:30-12:30)

Frank Perry will lead a tour of the Cowell Lime Works Historic District and explain how the two kinds of kilns operated, how barrels were made, and how the lime was hauled to market. We'll peek inside the historic workers' cabins and learn the story behind the 1864 Cardiff House from historian Judy Steen. Time permitting, we will then visit two 1850s lime kilns on



Cardiff House

the upper campus, including a "mystery kiln" about which little is known. Some hiking involved, mostly level, but one steep hill. Meet at Cardiff House (Women's Center).

## ABOUT THE SPEAKERS

FRANK PERRY (B.A.) is the author of ten books and over fifty articles on the natural sciences and cultural history of the Monterey Bay region. He is a research associate with the Santa Cruz Museum of Natural History, serves on the board of directors of the Friends of the Cowell Lime Works Historic District, and is a co-author of [Lime Kiln Legacies: The History of the Lime Industry in Santa Cruz County](#).

KARIN L. GOETTER (M.A.) is a Registered Professional Archaeologist, Registered Professional Historian, and a staff archaeologist for an environmental consulting firm in the San Francisco Bay area. She wrote her master's thesis on the 19th century lime industry in Butte County, California, and serves on the advisory board of the Friends of the Cowell Lime Works Historic District.

ROBERT W. PIWARZYK (B.S.M.E.) is a retired mechanical engineer and has spent over twenty-five years researching the history of the lime industry in Santa Cruz County. As a docent at Henry Cowell Redwoods State Park, he has led many tours of the lime kilns on Fall Creek. He is a co-author of [Lime Kiln Legacies: The History of the Lime Industry in Santa Cruz County](#) and [Valley of Redwoods: A Guide to Henry Cowell Redwoods State Park](#).

SALLY SALZMAN MORGAN (B.A., M.A.) is an environmental planner at UC Santa Cruz and a Registered Professional Archaeologist. In that role since 2005, she has overseen campus work in the vicinity of the Cowell Lime Works Historic District including several archaeological monitoring and data recovery projects. Prior to coming to UCSC, she worked as an archaeological consultant, with a focus primarily on prehistoric shell middens in central California. She also was involved in archaeological explorations of the foundations of the Spanish Colonial-period San Francisco Presidio; a prehistoric site on Yerba Buena Island with 19th century military and domestic deposits; and the prehistoric Emeryville shellmound, which included an extensive bottle dump related to the 19th century amusement park, Shellmound Park. At UCSC, she is affiliated with the Friends of the Cowell Lime Works Historic District.

TOM SCHREINER (Ph.D.) has degrees in anthropology, biogeography, archaeology, and architecture. For his Ph.D. he studied architectural history, emphasizing Preclassic Maya architecture. His dissertation was on traditional Maya lime production and its environmental implications. Tom is a research associate with the Archaeological Research Facility (A.R.F.) at U.C. Berkeley and is staff archaeologist and resident scientist for the Mirador Basin Project in Guatemala.

JULIA G. COSTELLO (Ph.D.) has amassed over thirty years of archaeological studies in California and the Middle East. Specializing in sites of the historic period, she has published widely in both academic and popular publications on topics related to Spanish colonization, overseas Chinese, Italian immigrants, mining, and kilns. She has served on the California State Historical Resources Commission and as president of the international Society for Historical Archaeology, and the Society for California Archaeology. She is co-owner of a cultural resource management consulting firm based in Calaveras County.

## LODGING & DINING

### WHERE TO STAY:

#### [MISSION INN](#)

2250 Mission St.  
800.895.5455

#### [ADOBE ON GREEN STREET](#)

103 Green St.  
831.469.9866

#### [DREAM INN](#) (on the Beach)

175 West Cliff Dr.  
866.774.7735

#### [BABBLING BROOK INN](#)

1025 Laurel St.  
800.866.1131

See [Santa Cruz Visitors Council](#)  
for complete listing.

### WHERE TO DINE:

#### SANTA CRUZ WHARF

##### [CARNIGLIA'S](#)

831.458.3600

#### DOWNTOWN

##### [OSWALD BISTRO](#)

121 Soquel Ave.  
831.423.7427

##### [GABRIELLA CAFÉ](#)

910 Cedar St.  
831.457.1677

##### [EL PALOMAR](#)

1336 Pacific Ave.  
831.425.7575

##### [SOIE WINE BAR](#)

105 Walnut St.  
831.423.2020

#### MISSION STREET AREA

##### [RISTORANTE AVANTI](#) ★

1711 Mission  
831.427.0135

##### [O'MEI RESTAURANT](#)

2316 Mission St.  
831.425.8458

##### [LE CIGARE VOLANT CAFÉ](#)

328 Ingalls St.  
831.425.4518



Member, Friends of the Cowell  
Lime Works Historic District

PATRICIA PARAMOURE (B.A., A.S., Archaeology Technology) conducted research regarding the history of the Cowell Lime Works as a historical research intern at UCSC, in support of the successful National Register nomination for the district. She is on the board of the Santa Cruz Archaeological Society and is a member of the Society for California Archaeology and the Archaeological Conservancy. She works locally as an archaeological technician and served as a construction monitor during UCSC work in the Cowell Lime Works Historic District during 2007 and 2008.

JUDY STEEN (B.A., M.L.S.) is a retired librarian and a member of the City of Santa Cruz Historic Preservation Commission and the Historic Landmark Committee of the Museum of Art & History. She revised and edited the most recent [Sidewalk Companion to Santa Cruz Architecture](#). A special area of her research is the history of women in Santa Cruz County.

### ABOUT OUR SPONSORS

#### [AGRICULTURAL HISTORY PROJECT-WATSONVILLE](#)

The mission of the Agricultural History Project (AHP) is to preserve and promote the history of agriculture on the Central Coast. AHP educates, preserves, exhibits, collects and builds community awareness about the economic, cultural, ethnic and historical significance of agriculture.

#### [CITY OF SANTA CRUZ, HISTORIC PRESERVATION COMMISSION](#)

The HPC, appointed by the City Council, is responsible for recommending the designation, protection, and enhancement of those structures and landmarks that contribute to the cultural, historic, and architectural character of the City of Santa Cruz.

#### [FRIENDS OF SANTA CRUZ STATE PARKS](#)

Friends of Santa Cruz State Parks is dedicated to promoting appreciation and stewardship of the natural and cultural heritage of our local state parks by facilitating and supporting educational programs and exhibits.

#### [MOUNTAIN PARKS FOUNDATION](#)

Mountain Parks Foundation provides resources that enrich visitors' experiences by expanding their knowledge and appreciation of the natural environment and cultural heritage of Henry Cowell and Big Basin Redwoods State Parks.

#### [THE MUSEUM OF ART & HISTORY @ THE MCPHERSON CENTER](#)

MAH promotes a greater understanding of contemporary art and the history of Santa Cruz County, through its exhibitions, collections, and programs, for the benefit of residents and visitors to Santa Cruz County.

#### [PAJARO VALLEY HISTORICAL ASSOCIATION](#)

PVHA was established in 1940 to preserve the local history and heritage of the Pajaro Valley. PVHA manages the Bockius-Orr House and the operation of the Snyder Archive and the Volck Museum.

#### [SANTA CRUZ ARCHAEOLOGICAL SOCIETY](#)

The Santa Cruz Archaeological Society works to survey, record, and monitor local prehistoric and historic resources. One of the goals of SCAS is to provide education on recent and on-going archaeological finds and theories.

#### [SANTA CRUZ MUSEUM ASSOCIATION](#)

The SCMA manages the oldest museum in Santa Cruz, The Museum of Natural History, which was established in 1904 based on the collection of naturalist, Laura Hecox. The Santa Cruz Museum of Natural History exists to foster relationships between people and nature, and to inspire stewardship.