

Jack Chang

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@JackTChang

PROFESSIONAL EXPERIENCE

Graduate Student Researcher/Ph.D. Candidate

August 2017 to present

University of California, Berkeley

Studied renewable energy and climate change science and policy at the Energy & Resources Group and the Goldman School of Public Policy. Received Master of Public Policy in May 2020 and received Master of Arts from the Energy & Resources Group in August 2020. Continuing on to the Ph.D. program at the Energy and Resources Group in Fall 2020 where I plan to continue my renewable hydrogen research.

- Served as project manager for the Climate Impact Lab and Global Policy Lab at UC Berkeley supporting research into projected climate impacts on mortality rates, energy use, agricultural yields and other factors.
- Helped UC Berkeley's Sustainability Office win the campus a high Gold rating in the Sustainability Tracking, Assessment and Rating System, or STARS. Also worked with the office to update the campus' sustainability plan.
- Served as a Carbon Neutrality Initiative fellow for the UC Office of the President helping develop in-UC system carbon offsets.
- Worked with lead authors to compile research for and edit the Bay Area portion of California's Fourth Climate Change Assessment in spring 2018.
- Researched and co-wrote a building decarbonization memo for then-California Public Utilities Commissioner Carla Peterman in May 2018.
- Taught two sections of a Media Studies class in fall 2017.

Contractor

January 2020 to present

Common Spark Consulting

Berkeley, Calif.

Helped prepare agendas, research policy issues and compile notes for stakeholder meetings of San Francisco's Zero Emissions Building Task Force. Worked with the task force's Existing Commercial Buildings and New Buildings work groups. Also researched building decarbonization policies for clients such as the Greenlining Institute and the Natural Resources Defense Council.

Intern Researcher

January to August 2020

California Public Utilities Commission

San Francisco

Researched hydrogen interconnection standards around the world and protocols for adding biomethane to California's natural gas system. Produced a renewable hydrogen white paper to be entered in the biomethane proceeding. Also helped to write a staff report on utility renewable gas procurement and am supporting the Wildfire Safety Advisory Board in developing Wildfire Mitigation Plan recommendations for utilities.

Development Intern

June to August 2020

Candela Renewables

San Francisco

Supported the origination, development and EPC teams of a utility-scale solar developer. Helped conduct market research on utility-scale solar power purchase agreements, investigate siting and technology issues and develop strategies for building out solar farms on sites in Kentucky, Arizona and Florida.

Energy Consulting Intern

April 2019 to April 2020

Strategen

Berkeley, Calif.

Conducted cash-flow analyses and regulatory research and wrote reports for an energy consulting firm specializing in energy storage policy. Among a wide range of research, I helped study the financial impacts of replacing coal-fired power with renewable energy generation in Colorado and Arizona for the Sierra Club. I also researched vehicle grid integration policy, island microgrids and electricity rate decoupling.

Enterprise Editor

June 2015 to August 2017

The Sacramento Bee

Sacramento, Calif.

Oversaw The Bee's immigration and health reporting teams. Also coordinated environment, science, small business, travel and food coverage. Helped formulate story ideas, edited copy and worked with multimedia producers. Planned weekly sections and longer project stories.

Editor/Correspondent

April 2011 - June 2015

The Associated Press

Mexico City/Beijing

Covered energy, the environment, technology, human rights and daily news as a Beijing-based correspondent. Previously worked with reporters around Latin America and the Caribbean to craft story ideas and refine copy about the arts, politics and a range of other topics. Scheduled and edited enterprise pieces while coordinating with photo, video and online teams. Led English- and Spanish-language trainings in the ELVIS content management system in Latin America.

Political Writer

August 2009 - April 2011

The Sacramento Bee

Sacramento, Calif.

Covered the 2010 governor's race in California for flagship McClatchy newspaper and other dailies. Wrote about California Gov. Jerry Brown and investigated the state government. Blogged regularly, established an active social media presence and shot video and audio.

Associate Editor

February 2009 - August 2009

The Daily Journal

San Francisco

Supervised five reporters, crafted story ideas, edited copy and posted online items for a daily legal newspaper. Reporters covered environmental issues, Silicon Valley, the U.S. Congress, the State Bar and the 9th U.S. Circuit Court of Appeals.

**South America Bureau Chief/Latin American
Diplomacy and Economics Reporter**

May 2005 – February 2009

The McClatchy Company/Knight Ridder

Rio de Janeiro/Washington, D.C.

Produced enterprise stories and covered breaking news throughout South America for a chain of 30 U.S. daily newspapers. Wrote award-winning series on race relations in Brazil. Regularly shot and edited photographs and produced video, audio and other online content. Supervised a three-person office and worked with freelancers and contract employees across the continent. In Washington, D.C., covered U.S. politics, Latin American diplomacy and worldwide finance.

Demographics and Immigration Reporter

May 2000 – May 2005

Contra Costa Newspapers

Walnut Creek, Calif.

Covered ethnic communities, national and state immigration policies and U.S. Census Bureau releases for four Knight Ridder daily newspapers in the San Francisco Bay Area.

Social Issues Reporter

December 1998 – May 2000

ANG Newspapers

Oakland, Calif.

Wrote about welfare and immigration reform and ethnic communities for the *Oakland Tribune* and four other MediaNews publications in the San Francisco Bay Area.

City and General Assignment Reporter

Pasadena Star-News

Covered city councils, school districts, crime and breaking news for a daily newspaper in suburban Los Angeles.

March 1996 – June 1998

Pasadena, Calif.

SKILLS AND TRAINING

- At UC Berkeley, completed classes in energy and environmental markets, benefit-cost analysis, renewable energy policy, life-cycle analysis, econometrics, microeconomics, environmental and energy-related quantitative tools and energy project development and finance.
- Fluent in Spanish, Portuguese and spoken Mandarin Chinese; basic French and written Chinese.
- Trained in Excel, Stata, Python, Photoshop, XHTML, Final Cut Pro and mapping and graphics software.
- Participated in the Asian American Journalists Association's 2012 Executive Leadership Program.
- Former board member for the Sacramento chapter of the Asian American Journalists Association, 2009-2011. Helped raise funds and coordinate publicity and outreach campaigns.
- December 2009 fellow at the Knight Digital Media Center's Web 2.0 training for journalists.
- Congressional intern at the offices of Rep. Ron Dellums and Sen. Paul Simon, Winter 1994.

AWARDS

2007, first place, Embratel Prize, best foreign reporting - A two-part series on the history of Brazilian race relations and the country's burgeoning black consciousness movement. The Embratel Prize, awarded in 17 categories, is Brazil's most prestigious journalism award.

2005, first place, East Bay Press Club, best short feature - A story about the growing prevalence of Spanish in workplaces and schools in the San Francisco Bay Area.

2002, third place, the Walter Cronkite School of Journalism and Mass Communication at Arizona State University, immigration and minority affairs reporting - A five-part series about changes to the U.S. immigration and naturalization system after the Sept. 11, 2001, terrorist attacks.

1999, third place, East Bay Press Club, best general news story - A piece about Kosovar refugees struggling to adapt to life in an impoverished Oakland, Calif., neighborhood.

1998, first place, Los Angeles Press Club, best series in its circulation category - A project about the 1997 transition of Hong Kong back to Chinese rule and the event's impact on the Chinese-American community in Southern California.

EDUCATION

University of California, Berkeley

Master of Public Policy, Master of Arts, 2020

Received a Master of Public Policy at the Goldman School of Public Policy and will file master's thesis for the Energy & Resources Group in August 2020. Conducted extensive research on building decarbonization in California, organizational sustainability practices at UC Berkeley and carbon offset strategies for the University of California system.

University of California, Riverside

Master of Fine Arts, June 2016

Studied fiction writing, screenwriting and poetry as part of a low-residency creative writing program.

Northwestern University

Medill School of Journalism

Master of Science in Journalism, September 1995

Concentration in urban issues and political reporting. Covered the U.S. Congress as a correspondent for the Lee Newspapers in Montana. Hosted a show at campus radio station.

University of California, Berkeley

Bachelor of Arts in English, May 1994

Wrote graduating thesis on the works of Primo Levi. Contributed to campus newspaper *The Daily Californian* and worked as intern for the *LA Weekly*.