



# Beyond Capitalism: Leland Stanford's Forgotten Vision

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Published in *Sandstone and Tile*, Vol. 14 (1): 8–20 [[Cover art](#)][[PDF](#)][[Original PDF](#)],  
Winter 1990, Stanford Historical Society, Stanford, California.

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**Labor can and will become its own employer  
through co-operative association.**  
— *Leland Stanford*

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**B**uried in the stacks of the Stanford University Archives is a secret about Stanford's history that has been kept for decades. It is not the kind of secret that needed anyone to keep it hidden; rather, it is a "public secret"—a piece of history that our society, by the very nature of its development over the last 100 years, was likely to erase from its transmitted memory. Erased memories should, when rediscovered, create a certain disquiet in the discoverer as to the causes of their erasure. This article will be successful if the unfamiliarity of what we are to find creates a measure of disquiet and disorientation in the curious reader.

The industrial revolution in Nineteenth Century America brought a new sort of historical actor into view: the multi-millionaire industrialist—Jay Gould, J. P. Morgan, Carnegie, Vanderbilt. Their arrival was of course noted by people at the time, but not universally with applause—and they became popularly known as "Robber Barons". Many of them, after a lifetime of accumulating unprecedented sums of money, came to be philanthropists, donating much of their wealth to charitable causes. I shall not delve into the question as to whether these acts of *noblesse oblige* were strategies to soften the popular antipathy toward these industrialists. But their philanthropy was consonant with the idea that society could benefit from the creation of wealthy industrialists. In none of them was their philanthropy tied to a message that their class of wealthy industrialists should itself be abolished. In none of them, that is, except Leland Stanford. When we encounter the philanthropy of Leland Stanford, we are in

for something of a surprise.

Leland Stanford was one of the “Big Four” founders of the Central Pacific Railroad, and by mid-century had amassed a fortune of many millions of dollars. When one spoke of a “Robber Baron”, Leland Stanford would be among the first names to come to mind. Yet during the final decade of his life, Leland Stanford had come to the conclusion that American society would in the future be better off if it did not create more tycoons such as himself; instead, that the division between capitalist and laborer should disappear, that the industries of America should come to be owned and managed cooperatively by their very workers. This, Stanford saw as a fulfillment of the dream of American democracy.

A survey of the American political landscape at this time in Leland Stanford’s life reveals that this idea was in no way original with Leland Stanford. The vision of a cooperative commonwealth—a system of worker-owned cooperatives—formed the core of a mass political movement in the United States, the Populists, which was at its zenith in the 1880s.

The Populists (involving millions of southern farmers and northern industrial workers) were the last mass movement in the United States to challenge the growing domination of society by burgeoning corporations. From today’s vantage point, we may identify the labor movement as the home for such political aspirations. This, however, is a misconception; the “labor movement” emerged after the defeat of the Populists in the 1890s, and was far more narrowly conceived than the Populists’ ambitions: it accepted a social contract that gave corporations the role of initiator and controller of employment, production, services, and capital. The labor union movement, in contrast to the Populists, sought merely to give workers better contracts within this structure of control. In American history since the defeat of the Populists, the idea of worker ownership of corporations has been relegated to the margins of political debate and creativity, a niche so marginal that from our vantage point of the 1990s, the idea sounds socialistic, utopian, or simply quaint.

In 1885, however, when Leland Stanford became a United States Senator and founded Stanford University, worker ownership of industry seemed neither socialistic nor quaint. It was a widely discussed idea for averting the escalating crises between corporations and workers that appeared at that time to be headed toward an ominous denouement. Worker ownership of industry was seen as a good idea which needed to be tried, and America was seen as a society free enough that it could be tried. The Populists hoped therefore that the steady replacement of corporations by worker cooperatives could be achieved. The goal of the “seizure of State power” advocated by the communists in Europe was alien to this movement. Cooperatives were seen not as an end to free-enterprise, but as a freeing of enterprise for common people from domination by the “plutocracy” of wealthy industrialists.

While the idea of worker cooperatives may seem to the contemporary reader an interesting, if impractical, ideal, during the Populist movement it formed the foundation for hope in the daily lives of hundreds of thousands of people. Should today’s social contract ever fail on a large scale, one can expect that ideas from the margins (crazy as well as rational) will flow into the center as people become more receptive to novel solutions for the society’s woes. It is therefore prudent to maintain the “germ lines” of social thought, much as horticulturalists maintain heirloom plant varieties for the day when their genetic endowments may prove useful. The story of Leland Stanford’s embrace of the concept of worker cooperatives provides a window into a body of social thought that one day we may be glad that we preserved.



“Father, serve humanity,” is what Stanford’s recently deceased son, Leland Stanford, Jr., uttered to him in a dream hours after the boy’s death. Stanford quoted this dream as the event that gave birth to the idea of Leland Stanford Junior University, the memorial to his son. One can only speculate on what internal transformation may have occurred within Leland Stanford at the death of his only child. Other historical figures have also undergone profound transformations after personal tragedy. No documentation of Leland Stanford’s inner life remains to resolve such speculation. Regardless of what we may imagine happened to Stanford the man, the historical record shows that in the years after this pivotal event, the Populist vision of worker-owned industry emerged as the recurring theme of Leland Stanford’s public endeavors. As a United States Senator (1885–1893), a large part of Stanford’s legislative efforts were toward bills that would give worker cooperatives the necessary legal structure and sources of credit in order to flourish. His advocacy of worker ownership was a prominent part of his newspaper interviews and his oratory in the Senate. In founding Leland Stanford Junior University, he made the cooperative vision “a

leading feature lying at the foundation of the University,”<sup>1</sup> and he repeatedly reiterated this goal in his addresses to the Trustees, the students, and in the legal documents founding the University.

Could Stanford's efforts have succeeded, given they were part of a movement that today we know never prevailed? Indeed, Stanford succeeded in none of these endeavors: his bills never made it out of committee, and his vision for Stanford University was not only left unrealized, but has been entirely forgotten from the University's [collective memory](#).

So thorough is this forgetting that even during the recent celebrations of the University's [Centennial](#), there was not the slightest mention of Stanford's cooperative vision in his founding goals for the University.<sup>2</sup>

This historical anomaly presents a number of unanswered questions: Why was this component of Stanford University's charter never implemented? How did this aspect of the University's heritage become erased from its memory? And perhaps most interesting, how did Leland Stanford, the great railroad “Robber Baron”, the wealthiest man in the U.S. Senate, come to believe and advocate that the corporate system of American industry should be replaced by a cooperative system? This article explores what material remains that can answer these questions. I focus on Leland Stanford's own words, and will attempt to bring the reader into the debate of that time, a debate whose resolution is the society we now live in.

## STANFORD'S COOPERATIVE VISION

The vision of direct worker ownership of industry was, from the onset of the Industrial Revolution, one of the solutions that labor activists considered for ending the corporate exploitation of labor and its growing domination of society.<sup>3</sup> Someone living in today's society gets no inkling that the entire concept of a “job” was still novel—and contested—100 years ago. A social deconstructionist of today wishing to lay bare the social creation of the term “employee” can do no better a job than Charles Nordhoff did in 1875:

**Though it is probable that for a long time to come the mass of mankind in civilized countries will find it both necessary and advantageous to labor for wages, and to accept the condition of hired laborers (or, as it has absurdly become the fashion to say, employees), every thoughtful and kind-hearted person must regard with interest any device or plan which promises to enable at least the more intelligent, enterprising, and determined part of those who are not capitalists to become such, and to cease to labor for hire.**<sup>3a</sup>

Ten years later, the Populist vision of the cooperative commonwealth—of laborers owning their own factories and consumers owning their own stores—had grown to be the foundation of a democratic mass movement.<sup>4</sup> Stanford's advocacy of the cooperative vision began at least by 1885, when we find in the Grant of Endowment of Stanford University that the University shall teach “the right and advantages of association and co-operation”. In an 1887 newspaper interview on his U.S. Senate bill to foster the creation of worker co-ops, Stanford said that his interest in worker cooperatives was part of his earliest thinking:

**The great advantage to labor arising out of co-operative effort has been apparent to me for many years. From my earliest acquaintance with the science of political economy, it has been evident to my mind that capital was the product of labor, and that therefore, in its best analysis there could be no natural conflict between capital and labor, ... between effort and the result of effort ... . Keeping this fundamental principle in view, it is obvious that the seeming antagonism between capital and labor is the result of deceptive appearance. I have always been fully persuaded that, through co-operation, labor could become its own employer.**<sup>5</sup>

At the root of Leland Stanford's interest in worker cooperatives may have been a core experience going back thirty-five years, to his days with the Argonauts in the California gold rush. In 1852, just a few years after gold was discovered in California, the 28 year old Leland Stanford decided to join his brothers in Gold Country. His wife Jane's parents insisted that she remain home in Albany, New York, so Leland headed off alone. He spent three years with his brothers in Eldorado County running a hardware business for the gold miners. The anarchy of the gold rush had produced a self-organized system of informal miner cooperatives. It was with these miners that Stanford saw cooperation first-hand as an organizing force. In the newspaper interview Stanford continues with a description of this phenomenon. Stanford told the interviewer,

**in a very alert and bright state of society people learn co-operation by themselves, but in older and quieter conditions of laboring enterprise, such a bill as I propose will point out the way to mutual exertion. You may not remember that we flumed most of the streams of California; a ditch was dug alongside of the river, and very often a tunnel had to be made through rock to carry this water on, so that the bed of the stream could be left dry and the gold taken out of it. Now, all these flumes were made by co-operation, without there being any law. Generally four or six men would unite to do this work; if there were four, three of them worked at the tunnel and flumes, while the fourth went off to a distance and got wages, so that he could supply them with food. In that way the workers were kept alive by one man's wages, and he, in his turn, got his proportion of all gold taken out of the bed of the stream.**

"That must have been a high condition of society," the interviewer said, "for mere laborers?"

"Oh, yes," replied Stanford,

**I do not think there ever will be any thing like it again. There were several hundred thousand young men finding out for themselves the way to conquer nature and fortune; their systems of doing things, derived from necessity and aided by their intelligence, were the highest manifestations of self-government ever made in so short a time.**<sup>6</sup>

For the student of social movements, the significance of this personal experience for Stanford cannot be underestimated. It seems there was a remarkable social phenomenon going on in those hills which had a lasting impact on Stanford. And if it was here that his cooperative vision was sown, it confirms the tenet that it is the direct experience of cultural alternatives that leads people to "a new way of looking at society."<sup>7</sup>

Stanford pursued three main avenues to advance his cooperative vision, the first being its incorporation into the purposes of Stanford University, the second being several bills he introduced into the U.S. Senate, and the third being his use of the media. In the quotations that follow, we find Stanford speaking either to the U.S. Senate, the Stanford University Trustees, students, University President David Starr Jordan, or to the press.

Stanford's own words can serve to introduce the basic ideas of the cooperative movement. In Hubert H. Bancroft's biography of Stanford, we read Stanford's explanation for the basic problem of the capitalist economy:

**In a condition of society and under an industrial organization which places labor completely at the mercy of capital, the accumulations of capital will necessarily be rapid, and an unequal distribution of wealth is at once to be observed. This tendency would be carried to the utmost extreme, until eventually the largest accumulations of capital would not only subordinate labor but would override smaller aggregations.**<sup>8</sup>

Stanford then describes his prescription for halting this monopolization of capital:

**The one remedy for this tendency, which to all appearances has been ineradicable from the industrial system, is the cooperation and intelligent direction of labor.**<sup>9</sup>

**What I believe is, the time has come when the laboring men can perform for themselves the office of becoming their own employers; that the employer class is less indispensable in the modern organization of industries because the laboring men themselves possess sufficient intelligence to organize into co-operative relation and enjoy the entire benefits of their own labor.**<sup>10</sup>

**With a greater intelligence, and with a better understanding of the principles of cooperation, the adoption of them in practice will, in time I imagine, cause most of the industries of the country to be carried on by these cooperative associations.**<sup>11</sup>

Stanford pointed to some concrete examples in interviews in the *New York Tribune* and *Cincinnati Enquirer* in 1887:

**A co-operative association designed to furnish labor for farming operations is clearly within**

**the realm of practical achievement.**<sup>12</sup>

He countenanced workers taking over his own line of work, the railroad:

**A co-operative association of men who know how to build a railroad might be able to take a contract just as well as a corporation.**<sup>13</sup>

**There is no undertaking open to capital, however great the amount involved, that is not accessible to a certain amount of labor voluntarily associated and intelligently directing its own effort.**<sup>14</sup>

In 1886 Stanford authored a Senate bill to foster the creation of worker cooperatives by providing a legal structure for incorporation. Stanford told his fellow Senators when speaking on behalf of the bill,

**The principle of co-operation of individuals is a most democratic one. It enables the requisite combination of numbers and capital to engage in and develop every enterprise of promise, however large. It is the absolute protection of the people against the possible monopoly of the few, and renders offensive monopoly, and a burdensome one, impossible.**<sup>15</sup>

Stanford's analysis of the basic "principle of cooperation" is interesting because it conceptualizes employment as a service that the worker pays for, in the form of profits kept by the employer, and that providing this service for themselves is the key to workers being able to keep the profits of their labor. Stanford explained in his *New York Tribune* interview that

**voluntary association of labor into co-operative relation secures to itself both the wages and the premium which, under the other form of industrial organization would be paid to the enterprise directing it and to the capital giving it employment. Capital appears to have an ascendancy over labor, and so long as our industries are organized upon the divisions of employer and employee, so long will capital retain that relation, but associated labor would at once become its own master.**<sup>16</sup>

Stanford even developed a macroeconomic analysis on the effect that cooperatives would have on the labor market and unemployment. Stanford continued,

**When you see a man without employment, ... the contemplation is necessarily saddening. The fault is with the organization of our industrial systems. ... The hirer of labor uses other men in the employed relation only to the extent that his own wants demand. Those therefore, who having productive capacity, remain in poverty, belong to the class who constitute the surplus over and above the numbers required to satisfy by the product of their labor the wants of the employer class. The numbers belonging to this surplus class would be constantly diminished, and would eventually disappear under the operation of the co-operative principle.**<sup>17</sup>

Stanford outlined three ways labor would be benefited: first, corporations would have to increase wages to compete with cooperatives in hiring labor; second, greater worker prosperity would translate into greater consumer demand and hence more demand for labor; and third, workers' experience in self-management would flood the market with people able to organize businesses and thus lower the comparative advantage of the employer class.

Regarding the first effect, Stanford said,

**take, for instance, the influence of co-operation upon the rate of wages to the employed class. In a co-operative association conducting a business, and dividing the entire proceeds of the business, the dividends so created would exceed the ordinary rate of wages. The best mechanics and the best laborers would, therefore, seek to acquire a position in a co-operative association. The reward of labor being greater by co-operation, the employer would have to offer additional inducement to labor to remain in its employ, because the superior attractiveness of the co-operative plan would incite them to form societies of this character, and employ their own labor. It would, therefore, have a direct tendency to raise the rate of**

wages for all labor or in other words, to narrow the margin between the amount paid for labor and its gross product.<sup>18</sup>

Regarding the second effect, Stanford said,

**co-operation would so improve the condition of the working men engaged in it that their own wants would be multiplied, and a greater demand for labor would ensue.**<sup>19</sup>

And regarding the third effect, Stanford explained,

**Each co-operative institution will, therefore, become a school of business in which each member will acquire a knowledge of the laws of trade and commerce.**<sup>20</sup>

**Co-operation would be a preparatory school qualifying men, not only to direct their own energies, but to direct the labor and skill of others. ... With the increase in the number of employers there is necessarily a corresponding intensity of competition between them in the field of originating employment. This competitive relation alone would raise the reward of labor. ... Thus co-operation will increase the number of those qualified to originate employments, and thus import into the industrial system a competition among the employer class, a condition highly favorable to the employed.**<sup>21</sup>

Stanford understood the other major principle of cooperation, that the cooperative would not only secure the profits for the workers, but would change their basic relation to one another and to management:

**The employee is regarded by the employer merely in the light of his value as an operative. His productive capacity alone is taken into account. His character for honesty, truthfulness, good moral habits, are disregarded unless they interfere with the extent and quality of his services. But when men are about to enter partnership in the way of co-operation, the whole range of character comes under careful scrutiny. Each individual member of a co-operative society being the employer of his own labor, works with that interest which is inseparable from the new position he enjoys. Each has an interest in the other; each is interested in the other's health, in his sobriety, in his intelligence, in his general competency, and each is a guard upon the other's conduct. There would be no idling in a co-operative workshop. Each workman being an employer, has a spur to his own industry, and also has a pecuniary reason for being watchful of the industry of his fellow workmen.**<sup>22</sup>

Stanford's analysis is mirrored in recent studies of productivity in worker cooperatives.<sup>23</sup>

In concluding his lengthy *New York Tribune* interview, Stanford drove home his vision by imagining what would happen if the industrial system had always been cooperative, and now someone were proposing to reorganize it as a corporate system:

**To comprehend it in all its breadth, however, let us assume that in all time all labor had been thus self directing. If instead of the proposition before us to change the industrial system from the employed relation and place it under self direction, the co-operative form of industrial organization had existed from all time, and we were now for the first time proposing to reorganize the employment of labor, and place it under non-concurrent direction, I apprehend the proposer of such a change would be regarded in the light of an enslaver of his race. He would be amenable to the charge that his effort was in the direction of reducing the laboring man to an automaton, and ... would leave but small distinction in the minds of workingmen between the submission of all labor to the uncontrolled direction of an employer, and actual slavery.**

**We may safely assume that such a change would be impossible—that men are not likely to voluntarily surrender the independence of character which co-operation would establish for any lower degree of servitude ... . In fact co-operation is merely an extension to the industrial life of our people of our great political system of self-government. That government itself is founded upon the great doctrine of the consent of the governed, and has its corner stone in the**

**memorable principle that men are endowed with inalienable rights. This great principle has a clearly defined place in cooperative organization. The right of each individual in any relation to secure to himself the full benefits of his intelligence, his capacity, his industry and skill are among the inalienable inheritances of humanity.<sup>24</sup>**

One may wonder, given these views about capitalism, what Stanford thought about his own career and those of his fellow industrialists. He saw employers as having been necessary in the development of industry up to that point, but ultimately a role to be dispensed with. Stanford explains,

**Those who by their enterprise furnish employment for others perform a very great and indispensable office in our systems of industry, as now organized. But, self-employment should be the aim of everyone.<sup>25</sup>**

In American usage today, the terms capitalism and free enterprise are used so interchangeably that the idea of a free enterprise system distinct from capitalism sounds self-contradictory. Furthermore, capitalist and communist ideologies both posit corporate versus state ownership as the inherent opposites between which we are to choose. But clearly, Stanford was advocating a “third way”—direct worker ownership which he saw as the ultimate and most enlightened form of free enterprise.

The voluntary nature of this alternative was central to Stanford’s viewpoint, and he was highly critical of coercive or governmental redistribution of wealth, which was advocated by communist and other movements of the time. The inalienable rights of the citizen were paramount to Stanford; he pointed to the principles in the Declaration of Independence as being essential for just government, and that

**with these principles fully recognized, agrarianism and communism can have only an ephemeral existence. ... [Cooperatives] will accomplish all that is sought to be secured by the labor leagues, trades-unions and other federations of workmen, and will be free from the objection of even impliedly attempting to take the unauthorized or wrongful control of the property, capital or time of others.<sup>26</sup>**

Stanford elaborated:

**Many writers upon the science of political economy have declared that it is the duty of a nation first to encourage the creation of wealth; and second, to direct and control its distribution. All such theories are delusive. The production of wealth is the result of agreement between labor and capital, between employer and employed. Its distribution, therefore, will follow the law of its creation, or great injustice will be done. ... The only distribution of wealth which is the product of labor, which will be honest, will come through a more equal distribution of the productive capacity of men, and the co-operative principle leads directly to this consummation. All legislative experiments in the way of making forcible distribution of the wealth produced in any country have failed. Their first effect has been to destroy wealth, to destroy productive industries, to paralyze enterprise, and to inflict upon labor the greatest calamities it has ever encountered.<sup>27</sup>**

Stanford took pains during the discussion of his views to counter the idea that labor and capital were inherently opposed. “The real conflict, if any exists,” Stanford explained, “is between two industrial systems.”<sup>28</sup> He goes on to illustrate thus:

**The country blacksmith who employs no journeyman is never conscious of any conflict between the capital invested in his anvil, hammer and bellows, and the labor he performs with them, because in fact, there is none. If he takes a partner, and the two join their labor into co-operative relation, there is still no point at which a conflict may arise between the money invested in the tools and the labor which is performed with them; and if, further in pursuance of the principal of co-operation, he takes in five or six partners, there is still complete absence of all conflict between labor and capital. But if he, being a single proprietor, employs three or four journeymen, and out of the product of their labor pays them wages, and, as a reward for giving them employment and directing their labor, retains to himself the premium, ... the line of**

**difference between the wages and the premium may become a disputed one; but it should be clearly perceived that the dispute is not between capital and labor, but between the partial and actual realization of co-operation.<sup>29</sup>**

Thus, to Stanford, those who believed that class struggle was inescapable had failed to understand the alternative of worker cooperation, which he believed would prevail as the highest state of industrial organization:

**As intelligence has increased and been more widely diffused among men, greater discontent has been observable, and men say the conflict between capital and labor is intensifying, when the real truth is, that by the increase of intelligence men are becoming more nearly capable of co-operation.**

Again referring to profits as the “premium” paid to capital, Stanford concluded,

**In a still higher state of intelligence this premium will be eliminated altogether, because labor can and will become its own employer through co-operative association.<sup>30</sup>**

## **WOMEN’S RIGHTS**

Leland Stanford has always been acknowledged for the strong support he gave to the cause of women’s rights. He supported suffrage, women’s participation in politics, equal pay for equal work,<sup>31</sup> and equal educational opportunities. In founding the University he required for the Trustees “To afford equal facilities and give equal advantages in the University to both sexes”.<sup>32</sup>

Some historians have depicted Stanford’s goal in having women attend the University as being solely to prepare them to be “better mothers”. When Stanford writes about his coeducational goals for the University, his words are ambiguous as to his ideas about inherent gender roles for women. Stanford told the Trustees in his first meeting with them:

**We deem it of the first importance that the education of both sexes shall be equally full and complete, varied only as nature dictates. The rights of one sex, political and otherwise, are the same as those of the other sex, and this equality of rights ought to be fully recognized.**

In the last letter Stanford wrote before he died, to University President David Starr Jordan, he reiterated his coeducational goals, telling Jordan,

**I want, in this school, that one sex shall have equal advantage with the other, and I want particularly that females shall have open to them every employment suitable to their sex.**

From these words alone we cannot conclude whether Stanford’s concept of equality for women was narrow or wide. At this time there were widely divergent views as to what “nature dictated” for women, or left “suitable to their sex”. One is tempted to draw conclusions from the fact that Stanford chose no women as University Trustees, despite his stated goals for coeducation at the University.

However, a clearer picture of Stanford’s views emerges in an 1887 interview Stanford gave to the *Cincinnati Enquirer* regarding his bill before the U.S. Senate to promote the creation of worker cooperatives. In the interview, Stanford took the opportunity to confront the stereotype that women were emotionally unsuited for political power. The reporter interviewing Stanford remarked that “the subject of female suffrage seemed to be incidental to this subject.” Stanford replied:

**I am in favor of carrying out the Declaration of Independence to women as well as men. Women having to suffer the burdens of society and government should have their equal rights in it. They do not receive their rights in full proportion.**

The reporter said, “But they have very much advanced; for a good many years they have been Government clerks, and now they are becoming postmasters and school directors.”

“Yes,” replied Stanford sardonically,

**they are employed here in the public departments at just one-half the pay men receive for doing the same work. What is the reason for that? A very intelligent lady said to me yesterday that she thought women were not for politics, and that there were but few things women could do. I remarked that I never saw a woman to come into one of our mining camps in California but her mere presence effected a change in the conduct of all the men there. It would be the same in the suffrage; instead of there being more riot and bad behavior when women appear there will be better conduct and more respect for the law.**

Said the reporter: "Do you not think women will go off on sentimental issues if they undertake the business of government and break up the organizations by which men work out large ends?"

"Oh!" said Stanford,

**it is not sentiment that we have to fear so much as we suppose. A man's sentiments are generally just and right, while it is second selfish thought which makes him trim and adopt some other view. The best reforms are worked out when sentiment operates, as it does in women, with the indignation of righteousness.**<sup>31</sup>

Other writings show that Stanford did not see any limitations on women's roles in business beyond what could be accommodated by a maternity leave. Stanford emphasized that the constraints that women found in the workplace were not due to their own limitations, but rather to the failure of their workplaces to take into account their needs. And the cause of this failure of the workplace, Stanford articulated, was its lack of democracy, a cause that could be remedied by worker cooperatives. In Stanford's advocacy of worker cooperatives he repeatedly pointed to their benefits for women because of the cooperative's intrinsically democratic nature. Stanford described four ways the cooperative would benefit women:

- by giving women new access to job opportunities,
- by allowing women to participate in running the business at all levels,
- by offering protection from exploitation, and
- by fostering working conditions based on women's needs.

Stanford told the U.S. Senate when he introduced his co-op bill,

**One of the difficulties in the employment of women arises from their domestic duties; but co-operation would provide for a general utilization of their capacities and permit the prosecution of their business, without harm, because of the temporary incapacity of the individual to prosecute her calling. And if this co-operation shall relieve them of the temporary incapacity arising from the duties incident to motherhood, then their capacity for production may be utilized to the greatest extent. Very many of the industries would be open to and managed as well by women in their co-operative capacity as by men.**<sup>33</sup>

As an example of how cooperatives would remove the exploitation of women, Stanford said,

**There is no reason why the women of the country should not greatly advance themselves by this act. Take the matter of clothing alone; there are sixty million people in America, and if each expends \$10 a year for clothes, that makes \$600 million; it might just as well go to co-operative associations of women as to these large partnerships which pay hardly living wages. At the same time the grade of woman's labor would be advanced; they would become cutters, style-makers, &c.**<sup>34</sup>

Regarding the particular needs of working women due to maternity, Stanford pointed out that since each cooperative is organized to meet its members' needs, "under co-operation they would draw wages when they could not labor, or the character of the labor could be changed for them."<sup>35</sup> Stanford was saying, in effect, that cooperatives are structured to produce humane responses, as a matter of course, to needs such as maternity. The enduring difficulty that business has had in responding to such issues is evident in the current controversies over childcare, the corporate "mommy track", and attempted solutions such as "flextime".

In his comments on women's rights, Stanford again approaches the issue not by recommending that the current

power holders should change their policies, but by recommending a democratic structuring of the workplace—and the body politic—will tend, of its own accord, to produce more just and humane policies.

## IN THE SENATE



Stanford authored several bills in the U.S. Senate to help implement his cooperative vision. The first was his bill to provide a legal basis for the incorporation of worker cooperatives. On May 4, 1887 he was interviewed in the *New York Tribune* about his bill, where he described that part of the bill's purpose was to

**attract attention to the value of the co-operative principle upon which our industrial systems should be founded. It will be a governmental attestation to the value of the co-operative principle, which alone can eliminate what has been called the conflict between capital and labor.**<sup>36</sup>

This interview appeared, perhaps by no coincidence, on the first anniversary of the Haymarket Riot in Chicago. This was both fitting and ironic. The Haymarket riot erupted during a massive strike for the eight-hour day by 200,000 workers and turned into one of the bloodiest attacks on labor demonstrators in U.S. history. It brought labor issues to forefront, but also proved to be the beginning of the end for the Knights of Labor, and with it, the centrality of worker cooperatives for the US labor movement.<sup>37</sup>

Authoring the co-op bill appears to have been the closest Stanford got to actually forming a cooperative, so it is instructive to examine the text. Most significant is that voting rights within the cooperative were to be based on the amount of capital contributed by each member, rather than one person, one vote. An essential plank of the theory of cooperatives, which developed primarily in England, was one of the “Rochdale Principles”, which specified that governance was to be based on one person, one vote rather than capital.<sup>38</sup> Stanford gives no evidence of having been aware of the Rochdale Principles or of the reasoning behind them, which would support the conclusion that despite his advocacy of worker cooperatives, he was divorced from the grassroots cooperative movement itself.

Yet Stanford was aware of the necessity for a mass political movement in order to achieve social change. To his Senate colleagues he declared,

**In the unrest of the masses I augur great good. It is by their realizing that their condition of life is not what it ought to be that vast improvements may be accomplished.**<sup>39</sup>

Stanford seems to have followed the movement closely enough to put some of its basic ideas into legislation, and his most famous effort was his bill for issuing currency based on agricultural land value. In the late 1880s many of the huge farmers' cooperatives failed in large part because the banking establishment refused to finance them. It was the problem of access to capital, and the control of the currency by the banking establishment, that drove the cooperatives into the political arena with the founding of the People's Party.<sup>40</sup>

A central plank of the People's Party was the "subtreasury" system unveiled at the Populist convention in St. Louis in December 1889.<sup>41</sup> Farmers would be able to draw money by depositing their products in subtreasuries of the U.S. Treasury, and be able to sell their goods when the market price was highest. Three months after the subtreasury plan was declared, Leland Stanford authored his own plan to lend money to farmers on the basis of their land value. By injecting money into the economy directly through the farmers, credit would become so readily obtained that cooperatives should flourish, as well as small and large industry generally.<sup>42</sup>

Stanford told the Senate during one of his several speeches on behalf of the bill,

**Legislation has been and is still directed towards the protection of wealth, rather than towards the far more important interests of labor on which everything of value to mankind depends. ... When money is controlled by a few it gives that few an undue power and control over labor and the resources of the country. Labor will have its best return when the laborer can control its disposal; with an abundance of money, and through co-operation, this end will be practically attained.**<sup>43</sup>

In his fifth speech on the subject, the last time he addressed the Senate, Stanford said,

**To a great extent [a sufficiency of money] means to the laborer emancipation through his ability to be his own employer. With an abundance of money unskilled laborers, mechanics, and other workmen will be able to carry on co-operative societies, because they will be able to obtain the credit they deserve, and even if employed by capital all cause for dissension between employed and employer will be removed, as co-operation will regulate the price of labor and be its perfect defense against inadequate compensation. ... Money is the great tool through whose means labor and skill become universally co-operative ...**<sup>44</sup>

This bill was widely discussed, earning Stanford, the wealthiest man in the Senate, criticism as being "fully impregnated with socialistic ideas", and spawning moves by some within the Farmers' Alliance and People's Party to nominate Stanford as their candidate for President in the 1892 election (a move that Stanford declined).<sup>45</sup>

Most significantly, it may have cost Leland Stanford his position as president of the Southern Pacific Railroad. Stanford's business partner Collis Huntington had been angry about Stanford's political ambitions, and felt Stanford had neglected the railroad since being elected to the Senate. But according to the story emerging from the inner circle of the railroad associates (reported in the San Francisco Chronicle), it was Stanford's land loan bill "that finally precipitated a declaration of war" which resulted in Stanford's ouster.<sup>46</sup>

A possible indication of the lasting impression that Stanford's efforts left on organized labor was an incident that occurred during the great Pullman railroad strike a year after Stanford's death. Jane Stanford was up in Dunsmuir, California, and urgently needed to get back to San Francisco. A California committee of the American Railway Union, which called the strike, went so far as to make up a special train to transport her, out of their respect for Leland Stanford's memory.<sup>47</sup>

## ON THE FARM



"I want this institution to deal particularly with the welfare of the masses," wrote Stanford to University President

Jordan, in the last signed letter he ever wrote.

**The few very rich can get their education anywhere. They will be welcome to this institution if they come, but the object is more particularly to reach the multitude—those people who have to consider the expenditure of every dollar.**<sup>49</sup>

Leland Stanford believed in the Enlightenment thesis that new ideas had the power to improve the society, and did not subscribe to the view that social change was purely an outcome of “class struggle”. Stanford’s approach to “the welfare of the masses” was not moralistic, but technical. He blamed neither employee or employer for inequalities in wealth, but rather, the advantage of the capitalist class over the non-capitalist class in its power to organize business enterprises, and this Stanford saw as fundamentally a matter of education. Thus he placed his other main effort to promote cooperatives into education, and in particular, into Stanford University, where he intended the cooperation of labor to be “in general, a leading feature lying at the foundation of the university”.<sup>48</sup>

In Hubert H. Bancroft’s biography of Stanford, Stanford gives a lengthy exposition of his views on how education—and Stanford University in particular—could help bring about the worker ownership of industry:

**To a superficial consideration of the subject, capital seems to possess an advantage over labor; but the conclusions from such superficial observation are erroneous. Produce in the minds of the laboring classes the same facility for combining their labor that exists in the minds of capitalists, and labor would become entirely independent of faculty. It would sustain to capital a relation of perfect independence.**<sup>50</sup>

**That this remedy has not been seized upon and adopted by the masses of laboring men is due wholly to the inadequacy of educational systems. Great social principles and social forces are availed of by men only after an intelligent perception of their value. It will be the aim of the university to educate those who come within its atmosphere in the direction of cooperation. Many experiments in this direction have been made, and whatever of failure has attended them has been due to imperfection of educated faculties.**<sup>51</sup>

Stanford recognized that the individual development of the student would also be an important factor in the making of the cooperative workplace. Thus he continued his exposition:

**The operation of the cooperative principle in the performance of the labor of the world requires an educated perception of its value, the special formation of character adapted to such new relation, and the acquirement of that degree of intelligence which confers upon individual character and adaptability to this relation. It will be the leading aim of the university to form the character and the perception of its industrial students into that fitness wherein associated effort will be the natural and pleasurable result of their industrial career.**<sup>52</sup>

Stanford’s thinking anticipated recent studies on the importance of experiential preparation for the cooperative workplace.<sup>53</sup>

Stanford put his goals for the University in perspective with his summary:

**We have then the three great leading objects of the university:**

- **first, education, with the object of enhancing the productive capacity of men equally with their intellectual culture;**
- **second, the conservation of the great doctrines of inalienable right in the citizen as the cornerstone of just government;**
- **third, the independence of capital and the self-employment of non-capitalist classes, by such system of instruction as will tend to the establishment of cooperative effort in the industrial systems of the future.**<sup>54</sup>

We see from this quote that Stanford’s cooperative vision was in no way tangential or incidental to his plans for Stanford University. It lay at the very core of what he was trying to accomplish in founding the University. To ensure that his aims for the University would be met, Stanford placed in the Grant of Endowment the clause that

the Trustees

**shall have the power, and it shall be their duty ... To have taught in the University the right and advantages of association and co-operation.**

(There were also three other clauses of topical instruction to the Trustees, to insure that non-sectarian religious instruction, [agriculture](#), and equal gender rights each be included in the University.<sup>55</sup>)

When Stanford addressed the first meeting of the Trustees he spoke that the principles of cooperation

**will be found the greatest lever to elevate the mass of humanity, and laws should be formed to protect and develop co-operative associations. Laws with this object in view will furnish to the poor man complete protection against the monopoly of the rich, and such laws properly administered and availed of, will insure to the workers of the country the full fruits of their industry and enterprise. ... Hence it is that we have provided for thorough instruction in the principles of co-operation. We would have it early instilled into the student's mind that no greater blow can be struck at labor than that which makes its products insecure.<sup>56</sup>**

How did the public react to Stanford's placing the cooperative vision at the foundation of the University? One sample we find is a sermon on the founding of Stanford University, delivered in November 1885 by Rev. Horatio Stebbins (who was later appointed a University Trustee), at the First Unitarian Church in San Francisco, in which he extolled Leland Stanford's cooperative vision:

**In setting forth some principles of great social import that shall be taught in the future University, Mr. Stanford has touched the key-note of modern time. I refer to the principle of co-operation. To this principle it appears to me the best minds are looking for the solution of some of the most complex social and industrial problems. ... That a distinguished American citizen, on whom has descended the prosperity of an epoch in affairs, should incorporate it in the foundation of a great school, charged to call to its aid the best minds in Christendom, is a prophetic event of promise and hope in the history of our time.<sup>57</sup>**

At the Opening Exercises in 1891 Stanford told the first class of Stanford students,

**We have also provided that the benefits resulting from co-operation shall be freely taught. ... Co-operative societies bring forth the best capacities, the best influences of the individual for the benefit of the whole, while the good influences of the many aid the individual.<sup>58</sup>**

Some of these students apparently took Stanford's words to heart and founded the Students Cooperative Association in 1891, which evolved into today's Stanford Bookstore, which is incorporated as a cooperative. The members of the Board of Directors of the Co-op included several who would go on to become leading actors in the University. Among them was freshman George Crothers, future University Trustee and legal-eagle, for whom Crothers Hall is named, physics graduate student Carl Lane Clemans, who founded the Stanford Sigma Nu fraternity and was the winning quarterback in the first "Big Game", and Professor Charles David "Daddy" Marx, for whom Marx Hall is named.<sup>59</sup> Marx also served as president of the Board of Trustees of Palo Alto High School, which began as a parent-run cooperative.<sup>60</sup>

A group of low income students took over the barracks that had housed the University's construction workers and ran it, in the description of one writer, as a "self-managed democratic co-operative" known simply as "The Camp". Although the buildings were inhabited long after their intended lifetime, Jane Stanford allowed The Camp to continue until 1902 because she felt it embodied Leland Stanford's social ideals.<sup>61</sup>

What evidence do we find that "thorough instruction in the principles of cooperation" was provided for? The course catalog for the first year lists Economics 16, "Co-operation: Its History and Influence", but no such course was found in subsequent catalogs. What other evidence there may be that bears on this question has yet to be discovered.

In Stanford's last signed letter before his death, he wrote to University President Jordan,

**I think one of the most important things to be taught in the institution is co-operation. ... By co-operation society has the benefit of the best capacities, and where there is an organized co-operative society the strongest and best capacity inures to the benefit of each.**<sup>62</sup>

It is enlightening to compare Stanford's vision for the University with the visions for higher education that populate contemporary American debate. The benefits of education are never described in terms of changing how power is exercised within the society. Rather, education is relegated solely to helping students gain an advantage in the job market, increasing our "national competitiveness", or canonizing a "common culture". Stanford's intention, on the other hand—that the laboring classes be taught the principles of cooperation in order to gain ownership of their workplaces—is of a radical nature wholly beyond the current level of debate in the United States, from the right or from the left. Yet this is not so much a reflection on Leland Stanford, as a reflection on the depth of change that occurred in our society in the past 100 years.

## DEFEAT

What became of Stanford's efforts to advance worker cooperatives in the Senate and at the University? Stanford was unable to get either his co-op bill or his land loan bill passed in the Senate.

Stanford's 1886 co-op bill was reported favorably to the Senate by the Judiciary Committee but was dropped from the calendar because of Stanford's absence due to illness. He reintroduced it in 1891 but it again suffered the same fate.

Stanford's land loan bill had a very different course. From the moment he introduced it he met opposition in the Senate. But Stanford fought tenaciously for this bill, and his motivation was not merely the immediate effect which the bill would produce, but the greenback theory that "money is entirely the creature of law" which was the basis of the bill.<sup>63</sup> In his fourth Senate speech on behalf of the bill Stanford reached his pinnacle of oratory with quotations from John Law, James D. Holden, Aristotle, Henry Clay, Daniel Webster, Benjamin Franklin, David Hume, and John Stuart Mill. After his speech, the Populist Senator William Peffer from Kansas stood up and gave an even lengthier speech on behalf of Stanford's bill.<sup>64</sup>

Stanford introduced the land loan bill three times between 1890 and 1892, and each time it was killed by the Finance Committee. In 1892 he introduced another bill for the free coining of silver, and his speech on its behalf was his last in the Senate. This bill, too, was killed by the Finance Committee.<sup>65</sup> The Senate was not yet ready for the "revolution in finance", as Stanford described it, which he was offering.<sup>66</sup> McKinley would win the 1896 Presidential election campaigning against just such financial revolutions.

At the University, Stanford's vision of an education to support worker cooperatives never became established. To a large degree, this might be due to Stanford's death two years after the University opened. David Starr Jordan continued as University President while Jane Stanford took on the governance of the University as the sole Trustee.<sup>67</sup> I have found no evidence that either of them shared Leland Stanford's interest in worker cooperatives.<sup>68</sup>

But the ultimate reason Leland Stanford's vision was not implemented in the University probably goes beyond this. There are limits to what one person, even one as influential as Leland Stanford, can do to change society in the absence of a mass movement. And with McKinley's election and the defeat of the Populists in 1896, the cooperative movement was crushed.<sup>69</sup> Moreover, an answer can be sought in the structure of the University itself. Leland Stanford had no apparent experience in actually setting up cooperatives, and when he established the University, he gave it a standard hierarchical corporate structure, with a sovereign Board of Trustees choosing a President with complete executive power. With Leland Stanford gone, and the movement gone, there was no longer any organic connection between the cooperative vision and the University. Stanford missed the opportunity to forge such a connection when he failed to establish the University itself under a cooperative model.

Leland Stanford's vision was not only forgone, but over time was entirely forgotten by the Stanford University community. This forgetting appears to have been fairly rapid, occurring within the first decade of the University. Undoubtedly most of the faculty and administrators knew of Stanford's wishes, but they ceased to speak and write of them, and thus the knowledge was not transmitted.

Stanford's cooperative vision was independently rediscovered several times during the 1930s and '40s, and thus new lineages for the knowledge were started. In 1941 a student cooperative house was organized, named after the late Professor of Political Science Walter Thompson, who was active in the cooperative movement. President Tresidder's administration terminated the co-op in 1945. In "an obituary" for the house in the August 23 *Stanford Daily*, student Cyclone Covey makes reference to Stanford's cooperative vision for the University. Such lore, one may conjecture, was passed down by Professor Thompson. Chemistry Professor J. Murray Luck, a founder of the Palo Alto Consumer Co-op, had also rediscovered Stanford's writings on cooperatives, and shared that knowledge with the Palo Alto Co-op membership in 1950.<sup>70</sup> However, when student housing co-ops were started again 20 years later, no mention of Stanford's vision can be found.<sup>71</sup> One can conjecture that in the atmosphere of the McCarthy era, these lineages of Stanford lore too became extinct.

Ultimately, the forgetting of Stanford's vision cannot be explained by the actions of anyone in particular, for the documentation of Leland Stanford's wishes regarding worker cooperatives has always been available to anyone who cared to read it.<sup>72</sup> To account for the selective omission of Stanford's views from [the campus memory](#), I draw upon the analysis of the Lawrence Goodwyn, an historian of the Populist era.

In describing "the triumph of the corporate state" which was completed with the defeat of the Populists, Goodwyn writes,

**A consensus thus came to be silently ratified: reform politics need not concern itself with structural alteration of the economic customs of the society. This conclusion, of course, had the effect of removing from mainstream reform politics the idea of people in an industrial society gaining significant degrees of autonomy in the structure of their own lives. The reform tradition of the twentieth century unconsciously defined itself within the framework of inherited power relationships. The range of political possibility was decisively narrowed not by repression, or exile, or guns, but by the simple power of the reigning new culture itself.**<sup>73</sup>

"The ultimate victory", Goodwyn continues, "is nailed into place, therefore, only when the population has been persuaded to define all conceivable political activity within the limits of existing custom."<sup>74</sup>

The cooperative vision, although it has survived in the refugia of cooperative businesses in the U.S.,<sup>75</sup> has remained unavailable as a concept to most Americans. Goodwyn could have been just as well addressing Stanford University's selective loss of its own history when he wrote:

**Indeed, the remarkable cultural hegemony prevailing militates against serious inquiry into the underlying economic health of American society, so this information is, first, not available, and second, its non-availability is not a subject of public debate.**<sup>76</sup>

Consequently, Goodwyn concludes,

**The ultimate cultural victory being not merely to win an argument but to remove the subject from the agenda of future contention, the consolidation of values that so successfully submerged the 'financial question' beyond the purview of succeeding generations was self-sustaining and largely invisible.**<sup>77</sup>

This article is written in the hope that perhaps now, during the centennial of Stanford University, this central component of its founding vision may become less invisible. I hope that this article may be taken as a starting point for further historical study.

## ACKNOWLEDGEMENTS

I would like to thank Tim Tyson, Prof. Henry Levin, Prof. Lawrence Goodwyn, Prof. Barton Bernstein, Ted Nace, Herb Caen, Roxanne Nilan, and Bob Beyers for their helpful comments, the staff of the Stanford University Archives for their excellent and generous librarianship, and the Synergy and Columbae cooperative communities for creating the intellectual environment that gave rise to this work. Research for this article was initiated in the Stanford Workshops on Political and Social Issues (SWOPSI), Stanford University.

## NOTES

1. [Bancroft, p. 112](#). Bancroft's posthumously published biography of Stanford must have been completed between September 1889 and December 1889, based on information in Bancroft, p. iv, and in George T. Clark, 1933, "Leland Stanford and H. H. Bancroft's 'History': A Bibliographical Curiosity," *The Papers of the Bibliographical Society of America* 27: 12–23. Bancroft does not cite the sources for his extensive section quoting Leland Stanford on "the character and purposes of the university" ([pp. 105–117](#)); part of it (not used here) is from an interview of Leland Stanford in the *San Francisco Examiner*, April 28, 1887.
2. *Stanford Observer* 21 (5): Special Issue, April 1987. *Ibid.* 21 (6): 9–11, May, 1987. *Campus Report* [Stanford] , March 7, 1984, pp. 13–16. *Ibid.* November 13, 1985, pp. 1, 7–10. *Sandstone and Tile* 9 (2), Winter 1985. *Ibid* 10 (1), Autumn 1985, pp. 1–11. "History of the University," *Stanford University Bulletin* 31 (79), September 1987, pp. 6–7.
3. [Curl, pp. 5–21](#). [Adams and Hansen, pp. 11–18](#).
4. [Goodwyn, pp. 25–93](#). [Curl pp. 26–31](#). [Adams and Hansen, pp. 16–18](#).
5. [Stanford, pp. 1–2](#).
6. [Townsend](#). The formation of cooperative associations among the California gold miners may be a subject whose history has yet to be written. There are brief references to it in [Shinn \(pp. 111–114, 288–289\)](#), and it may have been a source fostering the formation of cooperative projects among California farmers afterward ([Nordhoff, pp. 202–209](#)).
7. [Goodwyn, pp. 32–35](#).
8. [Bancroft, p. 114](#).
9. *ibid.*
10. [Stanford, p. 4](#).
11. Congressional Record, 49 Congress 2 Sess.: 1804, February 16, 1887.
12. [Stanford, p. 16](#).
13. [Townsend](#).
14. [Stanford, p. 3](#).
15. Congressional Record, 49 Congress, 2 Sess.: 1805, February 16, 1887.
16. [Stanford, p. 4](#).
17. *ibid.*, p. 11.
18. *ibid.*, pp. 6–7.
19. *ibid.* p. 11.
20. *ibid.* p. 15
21. *ibid.*, p. 11. The capacity of worker cooperatives to reduce unemployment is also the subject of more recent studies, see Levin, H. M., "Employment and Productivity of Producer Cooperatives," in [Jackall and Levin, pp. 21–24](#).
22. [Stanford, p. 6](#).
23. Levin, H. M., "Employment and Productivity of Producer Cooperatives," in , [pp. 24–28](#).

24. [Stanford](#), pp. 15–16.
25. [Bancroft](#), p. 112.
26. "Address of Leland Stanford to the Trustees," in *The Leland Stanford, Junior, University*, pp. 30–31.
27. [Stanford](#), p. 4.
28. *ibid.* p. 5.
29. *ibid.* pp. 5–6.
30. *ibid.* p. 6.
31. [Townsend](#).
32. "The Grant of Endowment," in *The Leland Stanford, Junior, University*, p.16. Stanford University Archives.
33. *Congressional Record*, 49 Congress, 2 Sess.: 1805, February 16, 1887.
34. [Townsend](#).
35. [Townsend](#).
36. [Stanford](#), p. 6.
37. [Curl](#), p. 29.
38. [Adams and Hansen](#), pp. 13–14.
39. *Congressional Record*, 51 Congress, 1 Sess.: 5170, May 23, 1890.
40. [Goodwyn](#), pp. 86, 111.
41. *ibid.* pp. 107–115.
42. *Congressional Record*, 51 Congress, 1 Sess.: 2068–2069, March 3, 1890. Stanford's bill had several deliberate differences from the subtreasury plan, which Stanford criticized for not really creating money because the farmer's loan would be too quickly retired and would therefore produce violent expansions and contractions of the currency (in [The Great Question. An interview with Senator Leland Stanford on Money](#), pp. 23–25). Stanford did not understand the crucial advantage of the subtreasury in enabling the farmer to store his or her crops in the subtreasury until the market price were optimal.
43. *Congressional Record*, 52 Congress, 1 Sess.: 469–470, January 21, 1892.
44. *Congressional Record*, 52 Congress, 1 Sess.: 2685, March 30, 1892.
45. [Tutorow](#), pp. 279–280.
46. *ibid.* p. 266.
47. [Clark](#), p. 470. Mirrieles (p. 30) also describes that Stanford was liked by the rank and file railroad workers, citing his defense of their wages against threatened cuts and his insistence that any cuts be the same percentage across the board from lineman all the way up to the heads of departments, including himself.
40. [Bancroft](#), p. 112.
49. Leland Stanford's last letter, to David Starr Jordan, *San Francisco Examiner*, June 22, 1893. Special Collection 33a, Box 6, Folder 59, Stanford University Archives.
50. [Bancroft](#), p. 113.

51. *ibid.* p. 114.

52. *ibid.*

53. Gamson, Z. F. and H. M. Levin, 1984. "Obstacles to the Survival of Democratic Workplaces," in [Jackall and Levin, pp. 219–244.](#)

54. [Bancroft, p. 114.](#)

55. "The Grant of Endowment," in *The Leland Stanford, Junior, University*, pp. 15–16. The full text of these requirements is as follows:

**"THE TRUSTEES ... SHALL HAVE POWER AND IT SHALL BE THEIR DUTY:...**

**14. To prohibit sectarian instruction, but to have taught in the University the immortality of the soul, the existence of an all-wise and benevolent Creator, and that obedience to His laws is the highest duty of man.**

**15. To have taught in the University the right and advantages of association and co-operation.**

**16. To afford equal facilities and give equal advantages in the University to both sexes.**

**17. To maintain on the Palo Alto estate a farm for instruction in agriculture in all its branches."**

56. "Address of Leland Stanford to the Trustees," *ibid.* p. 31.

57. Stebbins, Horatio, 1885. "Leland Stanford, Jr., University, California," in *The Resources of California*, September 1886, p. 34. Stanford University Archives.

58. Leland Stanford's address at the Stanford University Opening Exercises, October 1, 1891. Special Collection 33a.4, Stanford University Archives.

59. *Stanford Quad* vol. 1, 1894. Sequoia 1: 22–23, December 9, 1891.

60. Advertisement for Palo Alto High School inserted into the Stanford University Register, 1895–6: "A full corps of experienced teachers, for the most part graduates of the university, is employed. ... The school is not yet organized into a regular public high school, but is conducted on the co-operative plan, and is managed by a board of trustees elected by the patrons, thus furnishing the highest grade of instruction at actual cost".

Another interesting piece of information is that the lots in Palo Alto between San Francisquito Creek and Embarcadero Road, extending from El Camino Real to past Middlefield Road, were owned, as of 1906, by the "Co-operative Land and Trust Company", which offered real estate, rentals, loans, and insurance (from an advertisement in the *Daily Palo Alto*, March 23, 1906). Whether Leland Stanford had any causal connection with this co-op remains to be investigated.

61. [Starr, p. 326](#), quotes the student who describes "The Camp" as a cooperative. The descriptions of The Camp in Elliott (pp. 209–215) and Mirrieles (pp. 61–62), on the other hand, do not use the term "cooperative". However, neither Elliott nor Mirrieles refer to the concept of a cooperative anywhere else in their histories.

62. Leland Stanford's last letter, to David Starr Jordan, San Francisco Examiner, June 22, 1893. Stanford University Archives.

63. [Goodwyn, pp. 13–14.](#) *Congressional Record*, 51 Congress, 2 Sess.: 667, December 19, 1890.

64. *Congressional Record*, 52 Congress, 1 Sess.: 468–470.

65. [Tutorow, pp. 274, 278–279.](#)

66. *Congressional Record*, 51 Congress, 1 Sess.: 5170, May 23, 1890.

67. [Jordan, p. 421.](#)

68. [Jordan; Crothers, 1932, 1933.](#)

69. Goodwyn, pp. 264–286.

70. Luck, 1950; personal communication with Prof. Luck, October, 1989.

71. "Co-op Living Plans Blossom," *Stanford Daily*, May 26, 1970, p. 1. "Non-Violent House Opens Doors," *Stanford Daily*, October 2, 1970, p. 1. "Jordan House First Co-operative," *Stanford Daily*, October 23, 1970, p. 1.

72. The biographies of Leland Stanford that mention his cooperative vision include Bancroft (who devotes around 32 pages to it, pp. 99, 112–114, 154–181), Clark (who allots four pages of space, pp. 389, 391, 411, 419, 454–455, 459), and Tutorow (who gives two pages, pp. 252–255). Notably, it is not mentioned in three Depression-era books: *The Big Four* by Lewis, and *The Robber Barons* by Josephson, and *Stanford University: The First Twenty-Five Years*, by Elliott; nor by Jordan in *The Days of a Man*, by Mirrielees in *Stanford: The Story of a University*, or by Mitchell in *Stanford University 1916–1941*.

73. Goodwyn, p. 284.

74. *ibid.* p. xi.

75. Though I will only touch on this subject, in speaking of "refugia" I draw from the field of evolutionary ecology, which refers to a refugium as "an area that has escaped major climatic changes typical of a region as a whole and acts as a refuge for biota previously more widely distributed" (Lincoln, et al., p. 214). In applying this framework to societal evolution, a crucial idea is that the hegemony of a particular cultural mode is never complete, but leaves some people in circumstances in which alternative culture can spontaneously form or even be culturally transmitted. Such refugia can be understood to maintain the stocks of cultural diversity from which the society can draw when it faces changed circumstances. This idea is similarly developed by E. P. Thompson (p. 156) in the idea of "unsteeped places of worship" in which "there was room for free intellectual life and for democratic experiments", by Wendell Berry (pp. 170–223) in the idea of "margins", and by Evans and Boyte in the idea of "free spaces". Modern day cooperatives certainly provide this function in maintaining, developing, and transmitting components of the cooperative vision. This article, in fact, can be taken as a product of such cooperative refugia.

76. Goodwyn, p. 316.

77. *ibid.* 313.

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