

#### **Third-Party Comment Form**

#### HOW TO FILE A THIRD-PARTY COMMENT WITH WSCUC

- 1. Carefully read the 'Submitting and Processing Third-Party Comments" section of the WSCUC Complaints and Third-Party Comments Policy (pages 6-7).
- 2. Use the attached Third-Party Comment Form to submit a comment. You must complete all applicable sections of the form before the comment will be reviewed.
- 3. You may attach additional sheets of paper if you need more space. Include with the form any copies of documents and supporting materials that pertain to your comment. (50 page limit).
- 4. Mail or email your Third-Party Comment Form and any additional documentation or supporting materials to the address below.

#### Third-party identification

Please take careful note of the information in the Complaints and Third-Party Comments Policy regarding the declaration of identity on this form.

#### THIRD PARTY COMMENT REVIEW PROCESS

- 1. Third-party comments are reviewed by Commission staff after receiving the Third-Party Comment Form and supporting documents. Normally, no response is made to the commenter. If appropriate, staff may contact the commenter for clarification or additional information.
- 2. Commission staff will determine the appropriate course of review and action on the comment which may include, but is not limited to: sending the information to the institution, with or without the commenter's name for its information or follow up; referring the information or a summary of issues to a future review team; holding the information in a file for future reference, or disregarding the information and taking no action.

#### If you have further questions, please contact:

WASC Senior College and University Commission (WSCUC) 985 Atlantic Avenue, Suite 100 Alameda CA 94501 Phone: 510-748-9001 x 300

Web: www.wscuc.org
Email: wscuc@wscuc.org

COMMENTER INFORM	MATION:	
☐ I wish to remain ar	nonymous	
☐ I am identifying my	yself to WSCUC but do not w	vish to share my identity with the institution in question
☐ You may share my	identity with the institution	in question
Third-Party Comment	er Name:	
Email:		
Phone:		
INSTITUTIONAL INFO	RMATION named in the complaint:	
Complainant's relation	nship to the university or col	llege named above:
☐ Student	☐ Faculty	☐ Staff
☐ Other (plea	ase state):	
Current status of relat	ionship with university or co	ollege:
☐ Enrolled	$\square$ Graduated $\square$ Withdr	rawn □ On Leave
Resigned	☐ Terminated ☐ Employ	yed
Other (plea	ase state):	

What is the basis of your comment?	
Please provide any comment about the institution's quality or effectiveness.	

## The Corruption of STEM Education: Harvey Mudd College→Maria Klawe College

James E. Enstrom, PhD, MPH, FFACE

Retired UCLA Research Professor (Epidemiology)

Co-Valedictorian of HMC Class of 1965

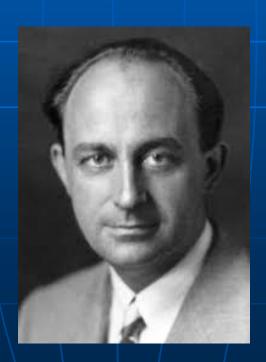
President
Scientific Integrity Institute
Los Angeles, CA
<a href="http://www.scientificintegrityinstitute.org/jenstrom@ucla.edu">http://www.scientificintegrityinstitute.org/jenstrom@ucla.edu</a>

Doctors for Disaster Preparedness Tucson, AZ

**August 1, 2021** 

# STEM Played Major Role in Ending World War II and Transforming America With Honest Science Typified by Manhattan Project & Physicist Enrico Fermi 1901-1953

https://www.amazon.com/Last-Man-Who-Knew-Everything/dp/0465072925



Harvey Seeley Mudd 1888-1955
President, Cypress Mines Corporation
Claremont Colleges Trustee 1920-1955
Caltech Trustee 1929-1955
Leader of Civic and Engineering Organizations
Harvey Mudd College founded in his Honor on
December 14, 1955



#### **Eighteen 1955 Founding HMC Trustees**

All Born During 1883-1922 and Died During 1958-2012

All but One Lived through World War I, Great Depression, World War II, Korean War, and Cold War as of 1955

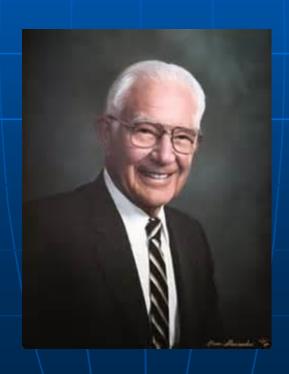
All Understood Importance of STEM Excellence in Winning World War II and in Fighting Cold War Against Soviet Union

All Were Conservative White Males who lived in Los Angeles County, except for Conservative Widow/Chair Mildred Mudd

## **Joseph B. Platt 1915-2012 HMC President 1956-1976**

1942 PhD Physics Cornell University
1945-1956 U Rochester Professor of Physics
1956-2012 HMC Professor of Physics
Close to Caltech President & Physicist Lee A. DuBridge

Author of "Harvey Mudd College: The First Twenty Years" <a href="https://scholarship.claremont.edu/hmc\_facbooks/2/">https://scholarship.claremont.edu/hmc\_facbooks/2/</a>



#### **Factors Favoring Founding of HMC**

- 1) Need for More US Engineers and Scientists to Fight in the Cold War Against the Soviet Union, Especially After October 4, 1957 Launch of Sputnik 1 Satellite
- 2) Need to Provide STEM Education for Qualified Students Who Could Not be Admitted by Caltech
- 3) Need for Improved Methods of Teaching STEM
- 4) Need for an Engineering and Science College within the Claremont Colleges Located 35 Miles East of Los Angeles

#### 1955 HMC Mission Statement

"Harvey Mudd College seeks to educate engineers, scientists, and mathematicians well versed in all of these areas and in the humanities and the social sciences so that they may assume leadership in their fields with a clear understanding of the impact of their work on society."

#### **HMC Class of 1965 Facts**

HMC Class of 1965: 100 entered in 1961, 52 graduated in 1965 Hometown: So CA 33 (63%), Nor CA 6 (12%), Not CA 13 (25%) High School Type: Public HS 50 (96%), Catholic & Prep 2 (4%) Race & Sex: WM=48 (92%), WF=2 (4%), NWM=2 (4%)

Majors: Engineering=17 (33%), Physics=13 (25%),

Chemistry=11 (21%), Math=11 (21%)

#### Graduate School Status of HMC Class of 1965

	Physics Majors	All Majors
Total HMC Graduates	13	52
Attended Graduate School	11 (85%)	34 (65%)
Received PhD or MD	10 (77%)	21 (40%)
Received MS, MBA, MFA	1 (8%)	13 (25%)

## March 4, 1965 Enstrom Caltech Physics PhD Admission Letter (First HMC Physics PhD 1967)

#### CALIFORNIA INSTITUTE OF TECHNOLOGY

PASADENA, CALIFORNIA 91109

The Physics Graduate Committee has been much impressed by your excellent record and your very favorable letters of recommendation. I hope you will decide to come here, and if so, we shall look forward with pleasure to your joining our group next fall. Since we receive more

Sincerely yours,

C. D. Anderson

Chairman

## 1973 HMC College Ranking College Rater "Where the Colleges Rank"

III.	PRIVATELY	SUPPORTED	INSTITUTIONS	(except women's
	college	es):		

Rank	Points	Rank	Points
1. Harvard	1023	8. Columbia	901
2. Yale		9. Haverford	
3. California Inst. of Tech.	975	10. Swarthmore	899
4. Chicago		11. Stanford	891
5. Massachusetts Inst. of Te		12. Johns Hopkins	888
6. Princeton		13. Harvey Mudd	881
7. Dartmouth		14. Brown	

13

UC Berkeley	794
UCLA	785
USC	733

## Marie M. Klawe HMC President 2006-2023 Fifth President & First Woman

1977 PhD Mathematics U Alberta 1988-2002 U British Columbia Prof Computer Science 2003-2006 Princeton U Dean and Prof Computer Science Canadian Citizen Until 2009

Goal: Changing HMC Mission from Excellence to Diversity in STEM in order to increase number of women in computer science <a href="https://www.hmc.edu/about-hmc/president-klawe/cv-maria-klawe/">https://www.hmc.edu/about-hmc/president-klawe/cv-maria-klawe/</a>



#### **HMC Changes Implemented by Klawe**

#### 2007 Document "HMC 2020: Envisioning the Future"

https://www.hmc.edu/about-hmc/wp-content/uploads/sites/2/2013/05/HMCStrategicVision2007.pdf

#### August 7, 2020 "Harvey Mudd College Today"

"Even Harvey Mudd, a Math and Science College, Has Surrendered to the Social Justice Movement" April 20, 2017 Washington Examiner Since Spring 2017, it seems HMC has more openly embraced the transformation of its mission, culture, and character:

"a gathering ground for individuals passionate about both science and social justice"

(http://www.scientificintegrityinstitute.org/HMCBob080720.pdf)

HMC Class of 1969 Contributors Regarding New HMC: Robert De Pietro, Bob Hately, Andy Kaye

#### 2021 US News Ranking of HMC

#### National Liberal Arts Colleges

https://www.usnews.com/best-colleges/harvey-mudd-college-1171

```
#25 (tie) Best National Liberal Arts Colleges
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#57 (tie) Best Undergraduate Teaching

#83 Best Value Schools

https://www.usnews.com/best-colleges/harvey-mudd-college-1171/reviews

User Reviews (Ranking 1=worst, 5=best)

5 Posted Reviews Average Ranking = 3.2

(2 Most Recent Reviews Oppose Attending HMC)

7 Reviews (5 posted+2 removed) Average = 2.6

(4 of 7 Reviews Opposed Attending HMC)

#### **HMC Fast Facts 2014-2015**

Average Starting Salary: Between \$75,000 & \$80,000

HMC Impact Report 2013-2014

Total Class of 2014 N=181

Total Respondents N=172 (100%)
Graduate/Professional School N=61 (35%)
Gap Year/Other N=13 (8%)
Employment N= 98 (57%)

Full-time Job N=84 (49%)
Full-time Job with Reported Salary N=69 (40%)
Median Salary as per Student Self-Report \$77,500
Are 69 (38% of 181) Self-Reported Salaries Representative?

#### **HMC Class of 2020**

Massive Change in Sex, Race, Majors Since 1965

NCES College Navigator <a href="https://nces.ed.gov/">https://nces.ed.gov/</a>

HMC Class of 2020: 208 graduated

WM~15%,WF~15%, NWM~35%, NWF~35%

Majors: Engineering 68 (33%) Physics 14 (7%)

Chemistry 3 (1%) Math 7 (3%)

Computer Science 47 (23%)

Computer Science & Math 52 (25%)

All others 17 (8%)

### HMC Class of 2020 Preferential Admission of Women

NCES College Navigator <a href="https://nces.ed.gov/">https://nces.ed.gov/</a>

#### HMC Undergraduate Admissions

Applicants	Fall 2019			Fall 2020	
	Male	Female		Male	Female
Total	2815	1230	2	2276	1121
Percent Admitted	9%	24%		13%	29%
Percent Admitted Who enrolled	43%	28%		39%	30%
Number Enrolled	109	83		115	98

#### HMC Fast Facts 2019-2020

https://www.hmc.edu/about-hmc/fast-facts/

Median Starting Salary for Class of 2020: \$112,500

Graduate/Professional School (23%)
Gap Year/Other (9%)
Employment (68%)

#### Decline in HMC Physics Graduates at Stanford

http://www.scientificintegrityinstitute.org/HMCPhysics021219.pdf

Years of Graduation	Total HMC <u>Graduates</u>	HMC Physi	ics Majors at	Stanford G	Grad School
(15-year periods)		All Deg Progra		Rece Physic	
		<u>Number</u>	Percent	<u>Number</u>	Percent
1959-1973	~800	18	2.25%	3	0.38%
1974-1988	~1,700	12	0.71%	5	0.29%
1989-2003	~2,100	12	0.57%	2	0.10%
2004-2018	~2,500	9	0.36%	o	0.00%
Total 1959-2018	~7,100	51	0.72%	10	0.14%

#### 2017 HMC Faculty Political Orientation

http://www.scientificintegrityinstitute.org/JEEHauser080520.pdf

Classification Based on Voter Registration, Signer of 2017 MLK Statement, 2020 BLM Solidarity Statement, 2020 Shut Down STEM

Political Status	All Ages	Born ≥1970
Extremely Liberal	11 (11%)	6 (12%)
Very Liberal	58 (60%)	36 (74%)
Liberal	9 (9%)	2 (4%)
Moderate	17 (17%)	5 (10%)
Conservative	3 (3%)	0 (0%)
TOTAL	98	49/

#### **Current Priorities of HMC Professors**

#### June 3, 2020 HMC Statement of Solidarity

https://www.hmc.edu/hsa/statement-of-solidarity/ and

https://docs.google.com/document/u/1/d/e/2PACX-

1vR9P0Z4aolVclypiYYGQQz3Zp2prOVAo9dZsGuJi4CQImxDHRmthmjpEpH0jTGzdgmUoNKPowKNC6RL/pub

"Therefore, we commit ourselves to deepening our understanding of systemic racism, personal racism, and other forms of injustice. . . . We recognize that these injustices . . . permeate our societal institutions . . . and our own scholarly disciplines. We commit ourselves to uprooting anti-Black institutional policies and practices and other forms of injustice . . .

8/13 Math & 9/11 Physics & 56/95 Total Prof Signers

#### June 10, 2020 HMC Shut Down STEM

http://www.scientificintegrityinstitute.org/JEELynn102320.pdf

Particles for Justice "Call to Action: Strike for Black Lives" (<a href="https://www.particlesforjustice.org/">https://www.particlesforjustice.org/</a>), HMC Asst Prof Brian Shuve was a lead author of June 10 Strike and he was supported by three other young HMC Physics Profs (Nicholas Breznay, Sharon Gerbode, Mark Ilton) and by five other HMC Profs (Lori Bassman, Jim Boerkoel, Erika Dyson, Jae Hur, and Ben Wiedermann).

"CALL TO ACTION: It should go without saying that Black lives matter. Yet we find ourselves again mourning and raging over state and vigilante violence against Black people. Therefore, as physicists, we believe an academic strike is urgently needed . . ."

#### October 21, 2020 HMC Moody Math Lecture

https://www.hmc.edu/mathematics/moody-lecture-series/

"Injustice, Inequity, and Inequality: Lessons at the Intersection of Mathematics, Epidemiology, and Racism."

Nadia N. Abuelezam, HMC Class of 2009 BS Math Biology ScD Infectious Disease Epi Harvard TH Chan SPH

#### **Abstract**

"The COVID-19 pandemic has exposed existing health inequities for communities of color in the United States. Racism is a known structural cause of these health inequities. This talk will . . . address one of society's longest standing issues: racism."



## HMC Math & Physics Professors Do Not Oppose New Math

Independent Institute Open Letter Opposing New Math Signed by 647 CA Math-Related Professionals as of July 28, 2021 "We believe infusing mathematics with political rhetoric is alien to mathematics as a discipline, and will do lasting damage"

https://www.independent.org/news/article.asp?id=13604

After June 24 & July 4 Enstrom Email Requests:
0 of 17 Math & 2 of 12 Physics Profs Signed
Mathematicians Pres Klawe & Prof Pippenger Did Not Sign

8/13 Math & 9/11 Physics Profs & Pres Klawe signed 6-3-20 BLM

#### Impact of Marie Klawe on National STEM

American Association for the Advancement of Science
Klawe selected as 2019 AAAS Fellow
Klawe Appointed to 2019-2023 AAAS Board of Directors
2021 AAAS Board Includes 11 Females and 3 Males
<a href="https://www.aaas.org/governance#bod">https://www.aaas.org/governance#bod</a>

\$703,000 HMC Salary in 2019 is Among Highest in US



### **Board Member Klawe is Helping AAAS Deconstruct Science & Scientific Method**

This *deconstruction* involves diverting science away from objectivity, integrity, and transparency and toward a focus on Social Justice, Black Lives Matter, and ShutDownSTEM.

AAAS acknowledges and supports <u>#ShutDownSTEM</u>, a grassroots movement that aims to "transition to a lifelong commitment of actions to eradicate anti-Black racism in academia and STEM."

Sudip S. Parikh, PhD June 9, 2020 AAAS CEO and Executive Publisher, *Science* Journals

https://www.aaas.org/news/aaas-ceo-statement-shutdownstem-and-black-lives-matter

#### AAAS Journals Science and Science Advances **Publish Invalid Findings & Block Enstrom Findings**

#### **Evaluating the impact of long-term exposure to fine** particulate matter on mortality among the elderly

X. Wu, D. Braun, J. Schwartz, M. A. Kioumourtzoglou and F. Dominici Harvard TH Chan School of Public Health Science Advances 17 Jul 2020 DOI: 10.1126/sciadv.aba5692

**Abstract:** Leveraging 16 years of data—68.5 million Medicare enrollees—we provide strong evidence of the causal link between long-term PM25 exposure and mortality under a set of causal inference assumptions. . . . Our study provides the most comprehensive evidence to date of the link between long-term PM<sub>2.5</sub> exposure and mortality, even at levels below current standards.

Strong Enstrom Evidence Showing NO PM2.5 Deaths in US and **Urgent Need for EPA Transparency Rule Rejected Without Review** by Science and Science Advances

#### The Ideological Corruption of Science

In American laboratories and universities, the spirit of Trofim Lysenko has suddenly been woke.

https://www.wsj.com/articles/the-ideological-corruption-of-science-11594572501

July 13, 2020 WSJ OpEd by Lawrence Krauss, PhD Renowned Theoretical Physicist & Origins Project Founder

"Whenever science has been corrupted by falling prey to ideology, scientific progress suffers.... To stem the slide, scientific leaders, scientific societies and senior academic administrators must publicly stand up not only for free speech in science, but for quality, independent of political doctrine and divorced from the demands of political factions."

## HMC Illustrates Corruption of US STEM Higher Education

#### **Conclusions:**

Maria Klawe has systematically changed the original HMC Mission

HMC has replaced Excellence with Forced Diversity and Social Justice

Original Conservative Founders of HMC have been replaced with Liberal Activist Trustees, President, Faculty, and Students

Current students must learn that the original HMC not longer exists and serious STEM students, especially white males, must not attend

HMC illustrates the ongoing corruption of US STEM Higher Education

Harvey Mudd College must be renamed Maria Klawe College



### Harvey Mudd College

301 Platt Boulevard, Claremont, CA 91711 | (909) 621-8000

#28 in National Liberal Arts Colleges

**2022 QUICK STATS** 

User Reviews and Ratings

3.2 / 5 (5 reviews)

Questions Answered

N/A

Overview

Rankings

Photos

Admissions

Academics

**User Reviews** 

Student Life

Tuition & Financial Aid

Questions & Answers

Campus

## Harvey Mudd College User Reviews and Ratings

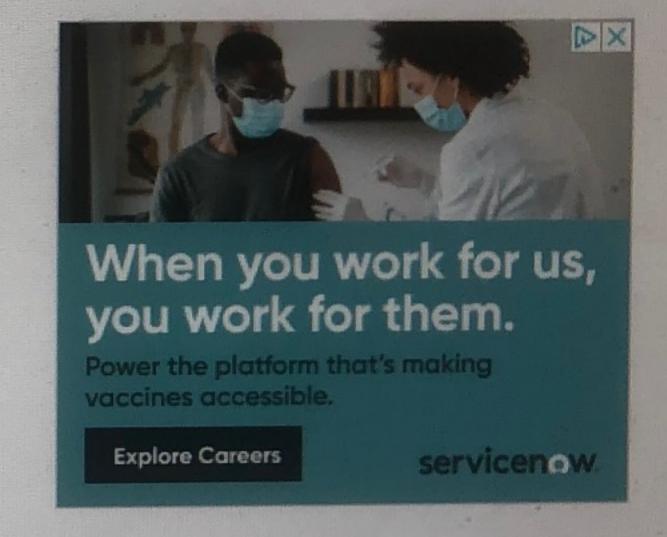
See reviews and ratings of this school from students, alumni, staff and others. These reviews are not written by U.S. News and have no impact on any of the Best Colleges rankings. Read an explanation of user ratings.

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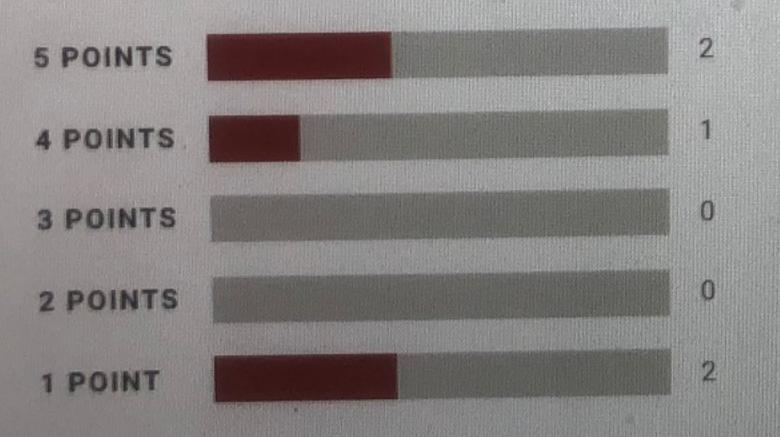
3.2

5 Reviews

Write a Review



60% of respondents would recommend this school to a friend



Reviewed by 5 users

Most Recent

#### RECENT REVIEWS

Go Leslie wrote a 5 point review for Lesley University 3 days ago.

Former neighbor to AS wrote a 4 point review for Agnes
Scott College 3 days ago.

R wrote a 5 point review for Miami University--Oxford 3 days ago.

Frequent flyby wrote a 3 point review for University of Delaware 3 days ago.

Respectful wrote a 3 point review for University of California--Los Angeles 3 days ago.

+ LOAD MORE

SEE ALL OF THIS SCHOOL'S QUESTIONS AND

Overview

Rankings

Photos Admissions Academics

**User Reviews** 

Student Life

**Tuition & Financial Aid** 

Questions & Answers

+ LOAD MORE

**ANSWERS** »

California--Los Angeles 3 days ago.

Campus

Respectful wrote a 3 point review for University of

SEE ALL OF THIS SCHOOL'S QUESTIONS AND

Ad closed by Google

Reviewed by 5 users

Most Recent

Mission Change: 2006-2021

Submitted 6 months ago By Alum From USA

USN 2021 ranked Harvey Mudd College 2nd nationally among Liberal Arts Colleges in diversity, equity, and inclusion. The student body is 70% non-Caucasian; the Class of 2024 is almost 80% non-Caucasian. College diversity initiatives explore the use of education as a tool for protest and dismantling systemic racism. The Humanities & Social Sciences curriculum in particular increasingly embeds critical race theory, gender equity, and social and racial justice; few courses in Western Civilization or American history and literature are offered. In academic quality, Harvey Mudd fell to 25th in USN 2021, having ranked 12th four years prior. Engineering and Computer Science majors now comprise 80% of students and new graduates; biology, chemistry, physics, and mathematics majors contribute only about 5% each to the student body. The Core curriculum (first two years) is being revised yet again, further decreasing student workload, ostensibly to improve student well-being. Core requirements being eliminated will include chemistry, physics, and math courses that for decades were hallmarks of the rigor of a Harvey Mudd education. Harvey Mudd may remain an excellent college in many respects, yet it is different in important ways from what it was in the past.

**Bottom Line** 

No, I would not recommend this school to a friend

Was this review helpful to you? 15

Flag this review

The Social Justice STEM College





















Overview

Rankings

Photos Admissions

Academics

**User Reviews** 

Student Life

Tuition & Financial Aid

Questions & Answers

Campus

Ad closed by Google



#### The Social Justice STEM College

Submitted 10 months ago By Graduate from 1960s From California

HMC originally provided a very high caliber physics, chemistry, math, and engineering education and prepared its graduates to obtain advanced degrees and to become scientists and engineers who could benefit society. HMC is now devoted to 'diversity ueber alles' and to producing graduates who use their BS degree to obtain a high initial salary. There has been a dramatic decline in the commitment to rigorous science and engineering and a large increase in activist programs like 'HMC Offers Social Justice Focus,' 'HMC #shutdownSTEM,' and 'HMC BLM Admissions.' HMC is no longer the leading STEM college that it once was.

#### **Bottom Line**

No, I would not recommend this school to a friend

Was this review helpful to you?

24

41

Flag this review



#### Balanced tech education with humanities

Submitted 1 year ago By Alumnus From San Francisco Bay Area

This college offers a one of a kind balanced education that prepares students to be thoughtful, empathetic, and empowered individuals to make a positive impact in the world of tech and beyond. If offers a small college atmosphere with the accessibility to the wide academic course selections and social life of a larger college (given the partnership with four other undergrad colleges).

#### **Bottom Line**

Yes, I would recommend this school to a friend

From: James E. Enstrom < jenstrom@ucla.edu >

Date: Fri, Oct 23, 2020 at 2:00 PM

Subject: Serious Alumni Concerns About HMC Department of Physics

To: Theresa W. Lynn < Theresa Lynn@hmc.edu>

Cc: Brian J. Shuve <bshuve@hmc.edu>

October 23, 2020

Theresa Wan-Zhen Lynn, PhD
Worster Professor and Chair of Physics
Harvey Mudd College Department of Physics
Theresa Lynn@hmc.edu

Re: Serious Alumni Concerns about HMC Department of Physics

Dear Professor Lynn,

As a distinguished physics major from the HMC Class of 1965, I am shocked to read about the NON-physics priorities of the current HMC Department of Physics. Assistant Professor Brian Shuve organized a June 10, 2020 "Strike for Black lives" at HMC (<a href="https://physics.hmc.edu/news/114/">https://physics.hmc.edu/news/114/</a>). Also, he was a lead author of the *Particles for Justice* "Call to Action: Strike for Black Lives" (<a href="https://www.particlesforjustice.org/">https://www.particlesforjustice.org/</a>), which was supported by the four youngest HMC Physics Professors (Nicholas Breznay, Sharon Gerbode, Mark Ilton, and Brian Shuve) and by five other HMC Professors (Lori Bassman, Jim Boerkoel, Erika Dyson, Jae Hur, and Ben Wiedermann).

The Particles for Justice Call to Action makes exaggerated and incorrect claims that reflect badly on the honesty and objectivity of its supporters. Regarding the claim that "The recent murders of Tony McDade, Breonna Taylor, Regis Korchinski-Paquet, George Floyd, and Ahmaud Arbery are just a few examples of the violence and racism that Black people live with every day," there is NO proof that these persons were murdered. For instance, the Grand Jury assessing the death of Breonna Taylor charged one police officer with "wanton endangerment" and did not charge the two other officers at all. There have been NO convictions in this case. The Particles for Justice supporters need to learn that murder is "the unlawful premeditated killing of one human being by another."

Instead of engaging in the academic strike called for by *Particles for Justice* and #ShutDownSTEM, HMC Physics Professors should express concern about 1) the current efforts to undermine science and the scientific method, as described by prominent physicist Lawrence Krauss in his July 12, 2020 Wall Street Journal commentary "The Ideological Corruption of Science" (<a href="https://www.wsj.com/articles/the-ideological-corruption-of-science-11594572501">https://www.wsj.com/articles/the-ideological-corruption-of-science-11594572501</a>); 2) the irreproducibility crisis in science (<a href="https://www.nas.org/blogs/article/conference-follow-up-fixing-science">https://www.nas.org/blogs/article/conference-follow-up-fixing-science</a>); and 3) the silencing of "politically incorrect" views at HMC (<a href="http://www.scientificintegrityinstitute.org/HMCBlock011219.pdf">http://www.scientificintegrityinstitute.org/HMCBlock011219.pdf</a>).

Several early HMC graduates have assembled disturbing evidence that HMC has changed its original focus on academic excellence to a focus on "diversity ueber alles"

(<a href="http://www.scientificintegrityinstitute.org/HMCBob080720.pdf">http://www.scientificintegrityinstitute.org/HMCBob080720.pdf</a>). Consequently, HMC has declined in academic stature and is no longer a college that provides an objective high quality STEM education (<a href="http://www.scientificintegrityinstitute.org/JEEHauser080520.pdf">http://www.scientificintegrityinstitute.org/JEEHauser080520.pdf</a>). Specifically regarding physics, there has been a dramatic decline in the proportion of HMC graduates who earn a BS and a PhD in physics (<a href="http://www.scientificintegrityinstitute.org/HMCPhysics021219.pdf">http://www.scientificintegrityinstitute.org/HMCPhysics021219.pdf</a>).

I hope you will carefully examine the above evidence because it is highly relevant to the future of HMC. I welcome your response.

Thank you very much for your consideration.

Sincerely yours,

James E. Enstrom, PhD, MPH
Co-Valedictorian and Physics Major, HMC Class of 1965
1965 Thomas B. Brown Memorial Award
Retired UCLA Research Professor (Epidemiology) and
President, Scientific Integrity Institute
<a href="http://www.scientificintegrityinstitute.org/jenstrom@ucla.edu">http://www.scientificintegrityinstitute.org/jenstrom@ucla.edu</a>
(310) 472-4274

cc: Bruce W. Worster, PhD
Physics Major, HMC Class of 1964
1964 Thomas B. Brown Memorial Award

Brian J. Shuve, PhD bshuve@hmc.edu

# Brian Shuve co-organizes a strike for Black lives

10 June 2020



For some researchers, last week's statements from institutions in support of <a href="#mailto:#BlackLivesMatter">#BlackLivesMatter</a> didn't go far enough. "Calls for justice and centring Black lives were met with watered-down statements promoting diversity and inclusion initiatives that have proven ineffective," says Brian Shuve, a physicist at Harvey Mudd College in Claremont, California, and a member of Particles for Justice. "We wanted our fields and institutions to take collective action and do better."

The strike is happening on Wednesday, 10 June 2020 and is described on the <u>Particles for Justice</u> <u>website</u> and on the <u>Shut Down STEM website</u>.

Read more from the story published on the <u>Nature website</u>. (Photo Credit: David Cliff/SOPA Images/LightRocket via Getty)

https://www.particlesforjustice.org/

# Wednesday, June 10: A Strike For Black Lives

# #STRIKE4BLACKLIVES #STRIKEFORBLACKLIVES #SHUTDOWNSTEM

## WHO ARE THE PARTICLES FOR JUSTICE?

A note from the authors: We understand that there are members of our communities who are engaged in time-sensitive activities due to COVID-19 and that these are a matter of life and death. We do not see continuing these activities as being in conflict with the spirit of the call below.

## **CALL TO ACTION:**

It should go without saying that Black lives matter. Yet we find ourselves again mourning and raging over state and vigilante violence against Black people. The recent murders of Tony McDade, Breonna Taylor, Regis Korchinski-Paquet, George Floyd, and Ahmaud Arbery are just a few examples of the violence and racism that Black people live with every day -- and have for centuries -- in the US, Canada, and around the world. We acknowledge the ways in which the effects of anti-Black racism are compounded for people who are also, for example, women, trans, non-binary, queer, Indigenous to the lands occupied by the United States and Canada, Latinx, Muslim, Jewish, disabled, and/or undocumented. We demand justice, reform, and accountability now.

Therefore, as physicists, we believe an academic strike is urgently needed: to hit pause, to give Black academics a break and to give others an opportunity to reflect on their own complicity in anti-Black racism in academia and their local and global communities. This #strike4blacklives is in dialogue with a call from colleagues in astronomy

to #shutdownSTEM and #shutdownacademia for at least the day of June 10.

We recognize that our academic institutions and research collaborations -- despite big talk about diversity, equity, and inclusion -- have ultimately failed Black people. Demands for justice have been met with gradualism and tokenism, as well as diversity and inclusion initiatives that -- while sometimes well-intentioned -- have had little meaningful impact on the lived experiences of Black students, staff, researchers, and faculty. Black representation among physics faculty is non-existent at most institutions, and it is widely known that Black students often feel unwelcome, unsupported, and even unsafe in their physics departments and predominantly white campuses.

Anti-Blackness is pervasive throughout academia, and the number of students and faculty in particle physics and other subfields make this very clear. Moreover, anti-Blackness affects all aspects of Black peoples' lives. To steward a new generation of students, research staff, and faculty in physics means to acknowledge our collective responsibility to combat anti-Blackness, not just on campus, but also in the streets, in governance, and society at large. Ending white supremacy is a matter of urgency, yet far too often, instead of using power to question institutional practices and advocate for Black students, faculty and staff, many senior academics and administrators retreat to the Ivory Tower, disengaging from the pursuit of justice. Again, the fight against white supremacy -- in all of its manifestations -- is an urgent one, and we are clear that justice will not be achieved until Black people not only have the right to survive but also thrive.

We are conscious of the ways in which Black students and scholars, including two authors of this letter to the community, are expected to do the heavy lifting to advocate for and support justice and representation in academia. We know that this burden functions as an unfair and unevenly distributed barrier to their ability to thrive in academia. We call for a universal strike to give them a break and because those of us with the most privilege have the greatest responsibility to use that privilege to enact change. We must confront the institutional barriers to justice for Black people in academia and beyond, challenge the notion of the meritocracy whereby "objective and neutral" criteria infused with systemic racism are used to exclude Black people from physics and other academic disciplines, and rebuild our institutions and collaborations in a way that is just and equitable.

Importantly, we are not calling for more diversity and inclusion talks and seminars. We are not asking people to sit through another training about implicit bias. We are calling for every member of the community to commit to taking actions that will change the material circumstances of how Black lives are lived -- to work toward ending the white supremacy that not only snuffs out Black physicist dreams but destroys whole Black lives. In calling for a strike, we call on people who are not Black to spend a day undertaking discussion and action that furthers this work, while providing Black scientists with a day of rest. Every single institution around the world can and should get involved in this work, and the strike marks an opportunity to recommit to the humanist values which should underpin academic work, including the belief that Black Lives Matter.

## Strike Details

# **Authors**

Foregrounding our Black members (in alphabetical order) who developed this idea, and then all other authors (in alphabetical order).

Brian Nord (Fermilab and University of Chicago) (click here for a personal statement)

Chanda Prescod-Weinstein (University of New Hampshire) (click here for a personal statement)

Matthew Buckley (Rutgers, the State University of New Jersey)

Kyle Cranmer (New York University)

Djuna Croon (TRIUMF)

Daniel Harlow (Massachusetts Institute of Technology)

Seyda Ipek (University of California, Irvine)

Sam McDermott (Fermilab)

Matthew Reece (Harvard University)

Nausheen Shah (Wayne State University)

Brian Shuve (Harvey Mudd College) [asst prof physics]

Tracy Slatyer (Massachusetts Institute of Technology)

Tim M.P. Tait (University of California, Irvine)

Graham White (TRIUMF)

Tien-Tien Yu (University of Oregon)

We are no longer accepting pledges to strike. We still encourage everyone to participate in the strike, while acknowledging that this is only one of many days needed for education, and bold and meaningful action in support of Black lives and Black minds.

https://www.particlesforjustice.org/additional-pledges

# **Pledged Strike Participants**

Final count: 5874 pledged strike participants as of noon EDT, June 10, 2020

Jim Boerkoel Harvey Mudd College Lori Bassman Harvey Mudd College Jae Hur Harvey Mudd College Sharon Gerbode Harvey Mudd College Nicholas Breznay Harvey Mudd College Jasper Weinburd Harvey Mudd College Albany Blackburn Harvey Mudd College Erika Dyson Harvey Mudd College Maxwell Thum Harvey Mudd College Mark Ilton Harvey Mudd College

Ben Wiedermann Harvey Mudd College

Matthew Fox Harvey Mudd College

[assoc prof computer science]

[prof engineering] [asst prof biology] [assoc prof physics] [asst prof physics]

[NSF Postdoctoral Fellow mathematics]

[physics major '23]

[assoc prof humanities, religious studies]

[no clear position] [asst prof physics]

[assoc prof computer science]

[math-physics major '20]

[The 13 HMC Signers include the 4 youngest HMC Physics Professors and 5 other HMC Professors]

Holly E. Hauser, MD (UC Davis)
<a href="https://www.collegeadmissionnavigation.com/">https://www.collegeadmissionnavigation.com/</a>
hollyhauser@mac.com

Dear Dr. Hauser,

I learned of your "**IECA College: Harvey Mudd**" Message from another IECA Member. Please read my response to your Message regarding my ten HMC Facts. I want you and other IECA Members to properly understand the current HMC. FYI, "**And he is angry**" is NOT an accurate description of me and my concerns about HMC. I am concerned that HMC is being destroyed academically by President Klawe. I am not the only HMC alum that has this concern.

I am impressed that you have taken the time and effort to analyze my August 4, 2020 email message, even though your analysis is severely flawed. I would appreciate a response to the points that I have queried you about below.

James E. Enstrom, PhD, MPH, FFACE jenstrom@ucla.edu

Fact 1) You have not disputed the accuracy of my statement. FYI, here is the appropriate section of the 1973 College Rater, which shows the very high ranking of HMC 47 years ago:

III. PRIVATELY SUPPORTED INSTITUTIONS (except women's colleges):

Rank Po	ints	Rank Po	ints	
1. Harvard 2. Yale		8. Columbia		
3. California Inst. of Tech	- 13 - 15 - 15 - 15 - 15 - 15 - 15 - 15	10. Swarthmore	899	
4. Chicago	974	11. Stanford	891	
5. Massachusetts Inst. of Tech.	945	12. Johns Hopkins	888	
6. Princeton	908	13. Harvey Mudd	881	
7. Dartmouth		14. Brown	879	

13

Fact 2) You have not disputed the accuracy of my statement. The current 8/4/20 HMC Fast Facts state "Graduate Placement 2019: Graduate or professional school: 23 percent". This statement about "Graduate or profession school" does not mean "sending 23% of grads to science PhD programs." The 1/9/15 HMC Fast Facts stated "Graduate Placement: Graduate or professional school: Nearly 40 percent". Among the 13 Physics Majors in the HMC Class of 1965: 10 (77%) received PhDs in Physics and other fields and 1 (8%) received a MS; one Co-Valedictorian (me) received a PhD in Physics from Stanford and the other Co-Valedictorian received a PhD in Physics from Caltech.

Fact 3) You have not disputed the accuracy of my statement. I have checked the HMC Physics Majors who have received Physics PhDs at Stanford, Caltech, and UC Berkeley and there has been a dramatic decline since the 1960s at all three universities. There is extensive evidence that the percentage of HMC graduates who attend top STEM graduate schools has declined in all fields. Please tell me if your son

applied to and was accepted at any of the top computer science graduate schools (Carnegie Mellon, MIT, Stanford, UC Berkeley). The U Chicago computer science graduate school is ranked #30 (see https://www.usnews.com/best-graduate-schools/top-science-schools/computer-science-rankings).

Fact 4) You have not disputed the accuracy of my statement. My contention is the HMC is violating its original Mission Statement based on the evidence that I have presented in my ten facts. HMC students cannot "assume leadership in their fields" as "engineers, scientists, and mathematicians" if they have only a BS degree and a high initial salary.

Fact 5) You have not disputed the accuracy of my statement. HMC "now preferentially selects females and minority students" as explained in the two cited references and elsewhere. The percentage of white male students has declined from about 95% in the 1960s to about 15% now and this is NOT a merit-based decline.

Fact 6) You have not disputed the accuracy of my statement. HMC tuition has gone up much faster than inflation and faster than at other colleges and is now essentially the highest tuition in the US. President Klawe is among the highest paid college presidents in the US.

Fact 7) You have not disputed the accuracy of my statement. Please comment on my evidence that "HMC professors have these political leanings: 65% very liberal, 32% liberal, and 3% conservative. There are NO conservative professors under the age of 50." A HMC student cannot receive an objective college education with that level of liberal domination. Can you or your son name a single conservative HMC professor?

Fact 8) You have not disputed the accuracy of my statement. There is overwhelming evidence that HMC has embraced the BLM Movement since June. Please read the June 3, 2020 HMC "Statement of Solidarity" with BLM: <a href="https://docs.google.com/document/u/1/d/e/2PACX-1vR9P0Z4aolVclypiYYGQQz3Zp2prOVAo9dZsGuJi4CQImxDHRmthmjpEpH0jTGzdgmUoNKPowKNC6RL/pu">https://docs.google.com/document/u/1/d/e/2PACX-1vR9P0Z4aolVclypiYYGQQz3Zp2prOVAo9dZsGuJi4CQImxDHRmthmjpEpH0jTGzdgmUoNKPowKNC6RL/pu</a>
b. Furthermore, you made a false statement about me when you wrote: "'Black Lives Matter,' a position with which this author clearly and vehemently disagrees." I provide profound evidence in Fact 9) that Black Lives Matter a GREAT deal to me.

Fact 9) You have not disputed the accuracy of my statement. Indeed, you completely ignored the disrespect shown at HMC for Dr. Chrissy Lawrence in 2015 and you grossly misrepresented my 2015 disinvitation to speak at HMC. I was disinvited because I made the following ENTIRELY ACCURATE statement about the entirely inappropriate 2015 HMC Commencement Speaker Mary D. Nichols, JD: "I can make a strong case that she is the most dishonest and unethical government official in California." As part of the documentation of the accuracy of my statement, please listen to the three-minute 2010 statement by my BROTHER Jon Cloud of San Diego: <a href="http://scientificintegrityinstitute.org/Cloud042210.wav">http://scientificintegrityinstitute.org/Cloud042210.wav</a> (this .wav file plays on an iPhone or similar device). Note the historically important sentences that he cites from memory. Also, please listen to the nine-minute 2012 statement by my BROTHER Randy Thomas of Watts: <a href="http://scientificintegrityinstitute.org/thomas.mp3">http://scientificintegrityinstitute.org/thomas.mp3</a>. These links are clearly shown on page 5 of the PDF cited in Fact 9 of my August 4 email: <a href="http://scientificintegrityinstitute.org/HMCBlock011219.pdf">http://scientificintegrityinstitute.org/thomas.mp3</a>. These links are clearly shown on page 5 of the PDF cited in Fact 9 of my August 4 email: <a href="http://scientificintegrityinstitute.org/HMCBlock011219.pdf">http://scientificintegrityinstitute.org/thomas.mp3</a>. These links are clearly shown on page 5 of the PDF cited in Fact 9 of my August 4 email: <a href="http://scientificintegrityinstitute.org/HMCBlock011219.pdf">http://scientificintegrityinstitute.org/HMCBlock011219.pdf</a>. Nichols and her corrupt regulatory agency destroyed the careers of my BROTHERS Jon and Randy and you ignored all of this in your "And he is angry" summary. You certainly did not do "a very careful reading of his letter and references."

Re: Harvey Mudd College Promotes Diversity and Social Justice, Not Rigorous STEM Education

Dear College Admission Counselor,

I am writing because I understand that you counsel high school students on college admission. I request that you inform those students who are interested in STEM colleges about the recent radicalization that has occurred at my alma mater, Harvey Mudd College (<a href="https://www.hmc.edu/">https://www.hmc.edu/</a>). Since 2006 the current HMC President Maria M. Klawe has steadily replaced academic excellence, academic diversity, and academic freedom at this formerly distinguished STEM college with a strong emphasis on diversity and social justice. Since June HMC has fully supported the Black Lives Matter (BLM) Movement.

Potential HMC students need to be aware of these facts:

- 1) HMC has a 2020 US News National Liberal Arts College best value ranking of #83 and overall ranking of #23 (<a href="https://www.usnews.com/best-colleges/rankings/national-liberal-arts-colleges">https://www.usnews.com/best-colleges/rankings/national-liberal-arts-colleges</a>). By comparison, the 1973 College Rater showed that Haverford and Swarthmore were the only US colleges ranked higher than HMC and that Caltech and Stanford were the only California universities ranked higher than HMC.
- 2) The portion of HMC graduates who attend graduate or professional school has declined dramatically to 23% in 2019 (https://www.hmc.edu/about-hmc/fast-facts/).
- 3) The portion of HMC graduates who obtain a PhD from the best STEM graduate schools has declined dramatically based on my evidence for HMC physics majors (<a href="http://www.scientificintegrityinstitute.org/HMCPhysics021219.pdf">http://www.scientificintegrityinstitute.org/HMCPhysics021219.pdf</a>).
- 4) HMC has shifted from training students in its original four STEM fields of engineering, physics, chemistry, and math to training students in computer science, with a strong focus on social justice. The apparent goal of most current HMC students is to use their BS degree to obtain a job with a high initial salary, rather than to become a distinguished scientist or engineer with an advanced degree.
- 5) HMC now preferentially selects female and minority students in order to promote "diversity, equity, and inclusion" (<a href="https://www.inc.com/kimberly-weisul/how-harvey-mudd-college-achieved-gender-parity-computer-science-engineering-physics.html">https://www.inc.com/kimberly-weisul/how-harvey-mudd-college-achieved-gender-parity-computer-science-engineering-physics.html</a>). The current campus environment is particularly bad for white males, who have traditionally been the HMC graduates most qualified for STEM careers (<a href="https://www.washingtonexaminer.com/weekly-standard/even-harvey-mudd-a-math-and-science-college-has-surrendered-to-the-social-justice-movement">https://www.washingtonexaminer.com/weekly-standard/even-harvey-mudd-a-math-and-science-college-has-surrendered-to-the-social-justice-movement</a>).
- 6) HMC tuition has increased dramatically from \$1,000 in 1960 to the current level of \$58,359, which is essentially the highest tuition for a US liberal arts college (<a href="https://www.hmc.edu/about-hmc/fast-facts/">https://www.hmc.edu/about-hmc/fast-facts/</a>). One reason for the high tuition is the \$703,000 annual salary of President Klawe (<a href="https://claremontindependent.com/claremont-presidents-pay-shows-large-disparities/">https://claremontindependent.com/claremont-presidents-pay-shows-large-disparities/</a>).

- 7) Based on several measures, HMC professors have these political leanings: 65% very liberal, 32% liberal, and 3% conservative. There are NO conservative professors under the age of 50. This liberal domination is clearly reflected in the new 2020 faculty members (<a href="https://www.hmc.edu/about-hmc/2020/06/15/harvey-mudd-announces-new-faculty-for-2020/">https://www.hmc.edu/about-hmc/2020/06/15/harvey-mudd-announces-new-faculty-for-2020/</a>), who include an expert on BLM (<a href="https://tsl.news/anup-gampa-black-lives-matter/">https://tsl.news/anup-gampa-black-lives-matter/</a>).
- 8) HMC Student groups like BLAM promote radical policies on campus. A recent example is the student pressure that led President Klawe to reverse her initial position in order to support the BLM Movement (<a href="https://claremontindependent.com/harvey-mudd-president-reverses-position-initially-no-institutional-support-blm/">https://claremontindependent.com/harvey-mudd-president-reverses-position-initially-no-institutional-support-blm/</a>).
- 9) HMC disrespects and rejects "politically incorrect" campus speakers like Dr. Chrissy Lawrence (http://claremontindependent.com/monsanto-speaker-claremont-is-by-far-the-worst-student-audience-ever-encountered/) and me (http://www.scientificintegrityinstitute.org/HMCBlock011219.pdf).
- 10) President Klawe, as a member of the American Association for the Advancement of Science Board of Directors (<a href="https://www.aaas.org/governance#bod">https://www.aaas.org/governance#bod</a>), is playing a major national role in the current AAAS *deconstruction* of science and the scientific method. This *deconstruction* involves diverting science away from integrity and transparency and toward a focus on social justice, BLM, and "ShutDownSTEM" (<a href="https://www.aaas.org/news/aaas-ceo-statement-shutdownstem-and-black-lives-matter">https://www.aaas.org/news/aaas-ceo-statement-shutdownstem-and-black-lives-matter</a>).

Any high school student interested in HMC needs to visit the campus and personally determine the current conditions at HMC and check the validity of the above facts. Also, they need to compare HMC with other STEM colleges like Caltech and MIT. Finally, I welcome you and/or any student who wants specific information about HMC to contact me directly.

Thank you very much for your consideration.

Sincerely yours,

James E. Enstrom, PhD, MPH, FFACE
Co-Valedictorian, HMC Class of 1965
Retired UCLA Research Professor (Epidemiology)
President, Scientific Integrity Institute
<a href="http://scientificintegrityinstitute.org/jenstrom@ucla.edu">http://scientificintegrityinstitute.org/jenstrom@ucla.edu</a>

From: John Townsend <townsend@g.hmc.edu> Subject: Cancellation of HMC Physics Colloquium

Date: Thu, 23 Apr 2015 20:43:41 -0700

To: "James E. Enstrom" < jenstrom@ucla.edu>

Dear Jim,

With regret, I am writing to inform you that I have chosen to rescind the invitation for you to give a physics colloquium at HMC next week. I have just discovered that this week you sent an email to one of our students in which you described our commencement speaker Mary Nichols in the following way:

I can make a strong case that she is the most dishonest and unethical government official in California.

While we are open to having speakers on campus with differing points of view, I think it is untenable for one of our speakers to attack another in such a fashion, especially in an email to a current student who will be attending commencement. We need to be willing to treat each of our speakers with respect. I regret to say that I think you have crossed that line and consequently I feel I must disinvite you from talking next week.

Sincerely,

John Townsend

Date: Mon, 20 Apr 2015 13:25:52 -0700 To: Priya Donti <pdomti@hmc.edu>

From: "James E. Enstrom" < jenstrom@ucla.edu>

Subject: CARB Chair Mary Nichols Should Not Speak at HMC

April 20, 2015

Priya Donti '15 Co-President HMC ESW/MOSS pdonti@hmc.edu

Dear Ms. Donti,

A few days ago I read that CARB Chair Mary D. Nichols will give the keynote address at the May 17 HMC Commencement Ceremony (<a href="https://www.hmc.edu/about-hmc/2015/04/14/queen-of-green-mary-d-nichols-to-speak-at-harvey-mudd-commencement/">https://www.hmc.edu/about-hmc/2015/04/14/queen-of-green-mary-d-nichols-to-speak-at-harvey-mudd-commencement/</a>). This announcement identifies you as the person who recommended her as commencement speaker, with the quote "Mary Nichols is a role model in spurring social change at the state and national levels. I think we, as scientists and technologists, can learn a lot from her about using our work to improve

society." I would like to fully understand the selection process, because Nichols is NOT a role model in any positive sense and HMC students CANNOT learn anything positive from her. Nichols is an activist environmental attorney who implements scientifically unjustified regulations, not a scientist or engineer who works to improve society. I can make a strong case that she is the most dishonest and unethical government official in California. A sample of my evidence is contained in the statements below by six diverse Californians. You need to carefully examine the links and learn about the massive misconduct of CARB and Nichols. Please call or email me as soon as possible, so we can discuss why Nichols should not speak at HMC.

Thank you very much for your prompt attention to my request.

Sincerely yours,

James E. Enstrom, Ph.D., M.P.H. UCLA and Scientific Integrity Institute and HMC '65 jenstrom@ucla.edu (310) 472-4274

## **Comments on CARB by Two California Officials:**

November 19, 2009 YouTube: CARB Member John B. Telles Statement to Board Regarding CARB Employee Fraud

(https://www.youtube.com/watch?v=yUAbJ8GeLUA)

April 22, 2010 John & Ken KFI Radio Show Comments by LA County District Attorney Steve Cooley on CARB and Nichols

(http://www.scientificintegrityinstitute.org/Cooley042210.wav)

#### Comments on CARB by Four California Businessmen:

August 1, 2009 Comments on How CARB is Destroying California by Norman 'Skip' Brown of Sacramento

(http://youtu.be/-ObuSYPM-IU)

April 22, 2010 CARB "Dream Killer" Comments by Jon Cloud of El Cajon (http://www.scientificintegrityinstitute.org/Cloud042210.way)

December 7, 2012 Diesel Regulation Comments to SCAQMD by Randy Thomas of Watts (http://www.scientificintegrityinstitute.org/Thomas120712.MP3)

March 30, 2015 YouTube on the Corruption of CARB by Red Smith of Redding (https://youtu.be/aHrZWTuXURE)

KillCARB.org Website Dedicated to Putting an End to a Rogue State Agency (http://killcarb.org/)

## http://physics.hmc.edu/colloquium/570/

## **HMC Physics Colloquium**

Tuesdays at 16:30 in Drinkward Recital Hall, Shanahan Center for Teaching and Learning, Room B480

## Jim Enstrom ('65)

University of California at Los Angeles

Using a 1965 HMC B.S. for a Fascinating Career in Physics and Epidemiology April 28, 2015

I will describe how I have used my 1965 HMC B.S. in physics to rise, at least briefly, to the top of two vastly different branches of science: first, a very hard science—experimental elementary particle physics at Stanford University, and second, a very soft science—environmental epidemiology at UCLA.

My talk will explain the important roles that HMC, creative thinking, academic freedom, and scientific integrity have played in my career. I will relate these factors to my current area of epidemiologic research: air pollution health effects, something that impacted every person at HMC in the early 1960s.

I will conclude by making suggestions for current HMC physics majors who want to pursue a career in physics or a related science, based on my experience as the sixth HMC physics major to obtain a Ph.D. in physics.



Department of Physics 301 Platt Blvd., Claremont, CA 91711 909-621-8024, 909-621-8887 (fax) <u>Directions</u>

#### A Matter of Concern to the HMC Alumni Association Board of Governors

James E. Enstrom, Ph.D., M.P.H. B.S. Physics from HMC 1965

December 16, 2013

I am very concerned that my November 14, 2013 request to HMC President Maria Klawe to give a lecture on campus about my June 9, 2013 Forbes.com commentary (see last pages below) has been rejected by HMC Dean of the Faculty Jeffrey D. Groves (see two email messages below). My request is explained in my November 29, 2013 email message to David Sonner (see below).

My request relates to five general concepts that are very important for HMC faculty, students, and alumni to understand: 1) scientific integrity, 2) academic freedom, 3) Lysenkoism ("the manipulation or distortion of the scientific process as a way to reach a predetermined conclusion as dictated by an ideological bias, often related to social or political objective"), 4) academic diversity, particularly as it relates to the current HMC faculty and a current HMC education, and 5) how my career has been influenced by my 1961-1965 HMC education.

I received a HMC education that followed the founding concept, as stated in the 1982-83 HMC Catalog: "In essense the idea was to educate young men and women in engineering who would be well trained in the physical sciences, to educate young men and women in the sciences who would be trained in engineering, and to provide both with sound backgrounds in the humanities and social sciences so that they might have a clear understanding of the impact of their work on the rest of society."

From: Jeff Groves <groves@hmc.edu>

To: "'jenstrom@ucla.edu'" <jenstrom@ucla.edu>

CC: "'david\_sonner@verizon.net'" <david\_sonner@verizon.net>

Subject: following up

Date: Fri, 13 Dec 2013 21:57:51 +0000

#### Dear Jim:

Following up on my e-mail of the 6<sup>th</sup>, I shared your materials with several faculty members who have relevant research areas, but I could not find a venue for you to present your talk. I then contacted David Sonner to see if perhaps he had ideas about an alternate venue somehow connected to the Alumni Association. David did not see an event where your talk would fit, but he did suggest that he would be willing to make contact with the Claremont University Club on your behalf to see if that organization might host your talk. My understanding is that he will follow up on that idea, and I hope that it works out.

I don't believe we've met before, but I hope we'll have the opportunity to do so sometime at an alumni event.

Best,

--Jeff.

Jeffrey D. Groves Professor of Literature and Dean of the Faculty Harvey Mudd College 301 Platt Boulevard Claremont, CA 91711 909-621-8122

From: Jeff Groves <groves@hmc.edu>

To: "jenstrom@ucla.edu" <jenstrom@ucla.edu>

Subject: your materials

Date: Sat, 7 Dec 2013 00:33:56 +0000

#### Dear Jim:

Greetings from HMC. Earlier today Karen Angemi passed an envelope to me on behalf of President Klawe. It contains your Forbes piece and your presentation abstract, both of which I will look at carefully early next week. Once I've had a look and talked to a couple of faculty members in relevant fields, I'll get back to you about whether we might plan for a campus talk. Thanks for thinking about the college in that respect!

Best,

--Jeff.

Jeffrey D. Groves Professor of Literature and Dean of the Faculty Harvey Mudd College 301 Platt Boulevard Claremont, CA 91711 909-621-8122 November 29, 2013

David Sonner '80 Chair, HMC Fundd Committee HMC Alumni Association Board of Governors

Dear David,

I received your November 2013 letter about the Annual Mudd Fund. I looked up your address in the Alumni Directory and I am writing you personally because of my concerns about HMC. I attended HMC when it was a brand new college and I have donated to the Mudd Fund essentially every year since I graduated co-valedictorian of the Class of 1965. I have had a long and successful career as an epidemiologist/physicist at UCLA and I have benefitted greatly from the physics education I received at HMC half a century ago. During the past five years I have tried to interest several HMC professors, including some who taught me, about the relevance of my HMC education then to my air pollution health effects research now. This matter is directly related to scientific integrity and to multi-billion dollar environmental regulations that impact California and US businesses. My enclosed June 9, 2010 Forbes.com commentary provides basic information on this issue.

I most recently met with Maria Klawe on November 14, 2013 at the Los Angeles stop on her Mudd Matters tour. She agreed to discuss my research and the material I gave her with the Dean of the Faculty, but I have received no response. I have been willing to give a free lecture on campus and to explain how this issue could be used for a few student projects. The faculty members that I have contacted have not expressed any interest in my research or the related issues of scientific integrity or regulatory impact. Thus, I have reluctantly concluded that this disinterest is due to a lack of "academic diversity" in the current HMC faculty. The issue of academic diversity at HMC concerns me very much and I would like to discuss it with you.

Please let me know if you want to discuss this matter.

Best regards,

James E. Enstrom '65

Los Angeles, CA jenstrom@ucla.edu (310) 472-4274