OFFICE OF THE BOARD OF EDUCATION

1000 Broadway, Suite 300
Oakland, CA 94607-4033
ousd.org/boe | boe@ousd.org
510.879.1940 w | 510.879.2299 f | 510.879.2300 TTY/TDD

OAKLAND UNIFIED SCHOOL DISTRICT
Community Schools, Thriving Students

BOARD OF EDUCATION 2022

Gary Yee, President, District 4 Gary.Yee@ousd.org	**Benjamin "Sam" Davis,** Vice President, District 1 Sam.Davis@ousd.org	**Aimee Eng,** District 2 Aimee.Eng@ousd.org
VanCedric Williams, District 3 VanCedric.Williams@ousd.org	**Mike Hutchinson**, District 5 Mike.Hutchinson@ousd.org	**Kyra Mungia**, District 6 Kyra.Mungia@ousd.org
		Clifford Thompson, District 7 Clifford.Thompson@ousd.org

August 24, 2022

To: Board of Education

From: Gary Yee

Subj: Appointment – Pavan Gupta – Measure G Parcel Tax Independent Citizens
         Oversight Committee

ACTION REQUESTED

Ratification by the Board of Education of President of the Board's appointment of Pavan Gupta (1st Term) to the Measure G Parcel Tax Independent Citizens Oversight Committee (Measure G Committee), effective August 25, 2022, for an unexpired term ending January 31, 2024.

BACKGROUND/DISCUSSION

The duties of the Measure G Committee, as defined by Board Bylaw 9131, is to inform the public concerning the expenditure of parcel tax revenues and to review and report on the proper expenditure of taxpayers' money generated by the 2009 Measure G parcel tax.

The Measure G Committee is composed of seven members, with staggered terms, appointed pursuant to membership criteria established by Board Bylaw 9131, with an individual's terms of appointment limited to a maximum of three two-year consecutive terms or the fulfillment of unexpired terms thereof.

The appointment of Mr. Gupta will bring the Committee to five-sevenths (5/7) of its membership.

RECOMMENDATION

I, pursuant to Board Bylaw 9131, hereby appoint Pavan Gupta, as a member of Measure G Committee, filling an unexpired term, effective August 25, 2022, ending January 31, 2024. I ask confirmation by the Board of his appointment.

GY:ER:er

Attachment: Application of Pavan Gupta (redacted in Part)

Profile

Pavan
First Name

Gupta
Last Name

pav.gup@gmail.com
Email Address

Which Boards would you like to apply for?

Measure G Parcel Tax Independent Citizens Oversight Committee: Submitted

██████████
Street Address

Suite or Apt

Oakland
City

CA
State

94607
Postal Code

Which Board of Education election district (1, 2, 3, 4, 5, 6, or 7) do you live in? *

☑ District 3

Home: ███████████
Primary Phone

Alternate Phone

UCSF, Center for Digital Health
Innovation
Employer

Senior Engineer
Job Title

Engineer
Occupation

Employer's Street Address

1700 Owens Street

Employer's City

San Francisco

Employer's State

California

Employer's Zip

94158

Work Phone

Work Email

pavan.gupta@ucsf.edu

Interests & Experiences

Pavan Gupta

Please explain briefly your interest in serving on this Committee, Commission or Board:

To Whom it May Concern, I have an unyielding interest in the maintenance and improvement of the Oakland Unified School District especially through the audit and advisory capacity of Measure G parcel tax use. I am the product of exclusively public schools wherein I have been blessed to be in the classrooms of some of the most talented teachers I could imagine and my parents remain teachers. I could hope for nothing more than the application of over 20 million dollars in Measure G tax receipts to pointed, direct, and valid improvements to OUSD. My interest in this board is in-line with the legislative mandate the voters have asked for and I look forward to diligently supporting the mission of this board.

Please indicate your other community involvement (work with public agencies, volunteering, other Committees, Commissions, Boards, groups, etc.):

I am a routine local volunteer cleaning up West Oakland, participating with council members in city council meetings, protecting schools and resources with my fellow neighbors, and perhaps most importantly, I am a state employee working to improve the health of the citizens of California.

Upload a Resume

Question applies to Measure N - College & Career Readiness Commission,Measure G Parcel Tax Independent Citizens Oversight Committee

Question applies to Measure N - College & Career Readiness Commission,Measure G Parcel Tax Independent Citizens Oversight Committee

Please select all that apply:

- ☑ Community member who does not currently have a child enrolled in the District
- ☑ A representative of the business community
- ☑ Demonstrated financial expertise
- ☑ A property owner within the District

Question applies to Measure G Parcel Tax Independent Citizens Oversight Committee

Please state the details of your selections above. For example, your child's name and school, skills and training, property address, etc.

1. Community member who does not currently have a child enrolled in the District: I do not yet have a child, but one day expect future children to enjoy the rewards of a great school district. 2. A representative of the business community I am a property developer, landlord, and manager in Oakland. 3. Demonstrated financial expertise I have previously worked for a large hedgefund, Bridgewater Associates, and I maintain the books for my own businesses. 4. A property owner within the District I own 733 Henry Street, 1717 96th Ave, and 1715 96th Ave (under construction). Many of my tenants attend OUSD.

Question applies to multiple boards

Do you have any reason, such as a potential or actual conflict of interest (real estate, business, litigation, etc.), which may or will adversely affect your ability to serve on this Commission, Committee or Board.

○ Yes ◉ No

Question applies to multiple boards
If Yes, please explain.

Pavan Gupta

Educational Background – e.g. college and/or university, degree/major, vocational and/or training, certificates, technical training, etc.

I graduated from a Math and Science Magnet School in Virginia Beach. This school was put in place to improve the performance of an underperforming high school and has radically changed the quality of education in my home town. I later obtained a Bachelor of Science from the University of Virginia. I have additional graduate school course work, but nothing that would constitute a degree or a substantial completion of a curriculum in pursuit of a degree. I like to learn.

Question applies to Measure G1 - Districtwide Teacher Retention and Middle School Improvement Act Oversight Commission,Measure N - College & Career Readiness Commission,Measure G Parcel Tax Independent Citizens Oversight Committee

Are you now, or have you ever been an employee or official of the Oakland Unified School District?

○ Yes ◉ No

Question applies to Measure G1 - Districtwide Teacher Retention and Middle School Improvement Act Oversight Commission,Measure N - College & Career Readiness Commission,Measure G Parcel Tax Independent Citizens Oversight Committee

If Yes, please explain.

Question applies to Measure G1 - Districtwide Teacher Retention and Middle School Improvement Act Oversight Commission,Measure N - College & Career Readiness Commission,Measure G Parcel Tax Independent Citizens Oversight Committee

Are you now, or have you ever been a vendor, contractor, or consultant for the Oakland Unified School District?

○ Yes ◉ No

Question applies to Measure G1 - Districtwide Teacher Retention and Middle School Improvement Act Oversight Commission,Measure N - College & Career Readiness Commission,Measure G Parcel Tax Independent Citizens Oversight Committee

If Yes, please explain.

Demographics

Choosing not to answer any of the questions in this section will not disqualify you from consideration or serving.

Ethnicity

☑ Other

Gender

☑ Male

Pavan Gupta

Socio-Economic Group

███████████

Verification

Please indicate your agreement with the following statement

I have reviewed and understand the duties of the Commission or Committee for which I am submitting this application. I agree to perform said duties. I certify under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

☑ I Agree

Your application must be **completed and submitted on-line via this web form**. For assistance, if needed, or response to questions, please contact Edgar Rakestraw, Jr., Executive Assistant, Board of Education, Oakland Unified School District, 1000 Broadway, Suite 300, Oakland, CA 94607-4033 or 510/879-8658 or via email at Edgar.Rakestraw@ousd.org. Your application must be **submitted** by the applicable deadline, if any.

Note: This application and your responses are a Public record and subject to disclosure.

Pavan Gupta

Pavan **Gupta**

ENGINEERING LEAD · INFRASTRUCTURE ARCHITECT · DATA SCIENTIST

▢ ▉▉▉▉▉▉▉ | ✉ pg8p@virginia.edu | ⌂ pg.gl | ⌦ pavgup | in pavgup

Professional Experience

UCSF Center for Digital Health Innovation
San Francisco, CA

SENIOR ENGINEER
Oct. 2017 - Present

- Planned, designed, developed, implemented, and administered CDHI's HIPAA-compliant cloud computing platform on AWS
- Instrumental in graduating CDHI's cloud computing platform to a UCSF-wide Research Computing platform
- Managed on-premise infrastructure as a large Kubernetes cluster with Rook orchestrated ceph storage
- Architected hybridized HPC and Kubernetes environment for use with secure data based on NIST 800-53 requirements
- Generated Machine Learned Models for Pediatric Ultrasound diagnostics with Extended Focused Assessment With Sonography for Trauma
- Deeply involved in the creation of scripts for cloud infrastructure including Terraform, Ansible, Packer, and Dockerfiles.
- Developed machined learned methods for the detection of internal bleeding and view classification for trauma patients

Linden Lab
San Francisco, CA

SENIOR DATA ENGINEER
Mar. 2016 - Sep. 2017

- Built streaming engine for new VR platform using docker, journald, heka, kafka, Google PubSub, Google DataFlow, Google BigQuery, and AirFlow with python code written to cement components
- Built batch processing engine for new VR platform using AWS RDS, AWS DataPipeline, Docker, AWS ECS, AWS S3, Google Cloud Storage, Google BigQuery, and AirFlow with python code written to cement components
- Deprecated the use of IBM Netezza in favor of Snowflake Computing's DBaaS by reorienting streaming data using fluentd and python to AWS S3 and Snowflake
- Built all new data warehouse technology stacks using complex troposphere implementations manipulating, primarily, cloudformation to deploy fully operational, highly secured AWS stacks (ECS, EC2, ASG, ELBs, Route53, RDS, S3, all involved)
- Managed critical recovery processes for data systems that experienced failures including writing monitors, runbooks, and alerts against key components (used Sensu, Nagios, Google StackDriver, PagerDuty, Slack notifications)

Computer Sciences Corporation
Washington, DC

ENGINEERING TEAM LEADER & SENIOR CLOUD ARCHITECT
Apr. 2011 - Mar. 2016

- Architected an EPA Office of Research and Development effort to use linked-data and W3C semantic web approaches to link hydrologic and economic models using DropWizard, Ruby on Rails, AngularJS, XQuery, and both SQL and NoSQL solutions
- Built both front and backend web services components for a CSC Financials application using AngularJS, NodeJS, and MariaDB.
- Helped to architect US-VISIT disaster recovery procedures for two large US Government biometric and biographic systems (IDENT and ADIS)
- Engineering team leader for a team testing and repairing a data center migration of US-VISIT IDENT and ADIS infrastructure to a NASA facility in Stennis, MS
- Managed releases and deployments for US-VISIT IDENT and ADIS infrastructure, databases, software, and network changes

Defense Security Service, Office of the CIO via SAIC
Washington, DC

SYSTEMS ADMINISTRATOR
Aug. 2010 - Apr. 2011

- Managed three highly classified systems on both Windows and Linux including: Industrial Security Facilities Database (ISFD), Defense Central Index of Investigations (DCII), and the Improved Investigative Records Repository (iIRR)
- Responsible for the deployment and administration of Oracle's (Sun's) Directory Server Enterprise Edition 7.0 (DSEE)
- Responsible for dealing with IAVAs, SRRs, STIGs, and vulnerability remediation using eEye Retina scanning
- Deployed DoD PKI including deploying DoD-issued certificates for LDAPS and HTTPS, using FIPS 140-2 ciphers

Bridgewater Associates
Westport, CT

CORE TECHNOLOGY ENGINEER
Feb. 2010 - Aug. 2010

- Developed functional system monitoring using HP's SiteScope and custom built monitoring
- Worked with Tibco Enterprise Message Service (EMS) to transition corporate technology to a Service-Oriented Architecture (SOA)
- Responsible for deploying ITIL and MOF tools to improve the core technology team
- Helped move finance team to Microsoft Dynamics to manage internal finances

USAID Office of Iraq Reconstruction via L3/ICOR   *Baghdad, Iraq*

Information Systems Advisor   *Jul. 2007 - Feb. 2010*

- Lead developer: drupal KMS, conflict zone suite, emergency management system, Office of Transition Initiatives portal
- Redeveloped mission critical data systems related to finance, travel, and human resources
- Built system for tracking ongoing activities for over $1 billion in Iraq reconstruction funds
- Built technical framework for Special Immigrant Visa (SIV) database on State Department Classified Network

Personal Projects

BabyB.ug Smart Baby Monitoring   *Chapel Hill, NC*

Founder   *2014-2016*

- Accepted into PCH Innovation Hub accelerator
- Build mobile software in Java, embedded software in C, and control systems in Python

Presentations & Writing

Development and Validation of a Deep Learning Model for Automated View Classification of Pediatric Focused Assessment with Sonography for Trauma (FAST)   *San Francisco, CA*

Center for Digital Health Innovation   *October, 2020*

https://www.medrxiv.org/content/10.1101/2020.10.14.20206607v1

Rethinking Medical Research: Lessons on Kubernetes from the Research and Cloud Computing Trenches   *Santa Barbara, CA*

University of California Technology Conference   *Aug. 2019*

Considering Directed Computational Graph Optimization on Kubernetes with Multimodal Medical Data   *Los Angeles, CA*

University of California AI in Biomedicine Conference   *June 2019*

Accelerating Secure Medical Research in the Cloud   *Davis, CA*

University of California Computing Services Conference   *Aug. 2018*

Integrative Genomics and Electronic Health Records   *Atlanta, GA*

Computer Sciences Corporation, Leading Edge Forum   *May. 2014*

A Universal Clamping Device for the Maintenance of Enteral Tube Systems   *Charlottesville, VA*

University of Virginia School of Engineering and Applied Science   *June 2010*

Honors & Awards

2014	**Awardee**, CSC Award for Technical Excellence	*Atlanta, GA*
2012	**Grantee**, CSC Leading Edge Forum: Integrative Genomics + Electronic Health Records	*Columbia, MD*
2012	**Finalist**, Inaugural Presidential Innovation Fellowship	*Washington, DC*
2012	**Finalist**, Health and Human Services Innovation Fellowship	*Washington, DC*
2009	**Awardee**, USAID Superior Group Award for DCHA Emergency Management System	*Baghdad, Iraq*

Certifications & Skills

AWS Certifications   *In Progress*

Current List

- AWS Certified SysOps Administrator – Associate
- AWS Certified DevOps Engineer
- AWS Certified Big Data Specialty

Technical Skills *Varied Expertise*

- Programming: Python, Java, Ruby, C/C++
- Operating Systems: Linux (Debian, CentOS), OSX, Windows, AIX, Solaris
- DevOps Tools: Ansible, Puppet, Chef, Vagrant, Salt, Docker, Kubernetes
- Big Data: HDFS, HBASE, Spark, SQL, Map/Reduce genearlly, R, Python

Education

University of Virginia *Charlottesville, VA*

B.S. in Biomedical Engineering