

CITY OF OAKLAND



CITY HALL • ONE CITY HALL PLAZA • OAKLAND, CALIFORNIA 94612

Office of the Mayor  
Honorable Sheng Thao

(510) 238-3141  
FAX (510) 238-4731  
TDD (510) 238-3254

Letter of Appointment

February 20, 2024

Dear President Bas and members of the City Council:

Pursuant to City Charter Section 601, the Mayor has appointed the following persons as members of the following board or commission, subject to City Council confirmation:

**Bicyclist & Pedestrian Advisory Commission**

**James Jessup**, to serve a three-year term on the Bicyclist and Pedestrian Advisory Commission beginning January 1, 2024 and ending December 31, 2026, to fill the seat vacated by Cynthia Herrera.

Thank you for your assistance in this matter.

Sincerely,

A handwritten signature in black ink, appearing to read "Sheng Thao", written in a cursive style.

Mayor Sheng Thao

---

## Profile

Jimmy

First Name

Jessup

Last Name

Middle Initial

[REDACTED]

Email Address

[REDACTED]

Street Address

[REDACTED]

City

[REDACTED]

Suite or Apt

[REDACTED]

State

[REDACTED]

Postal Code

## What City Council district do you live in?

District 1

[REDACTED]

Primary Phone

[REDACTED]

Alternate Phone

Parisi Transportation Consulting,  
a division of Parametrix

Employer

Transportation Planner and  
Engineer

Job Title

## Which Boards would you like to apply for?

Bicyclist & Pedestrian Advisory Commission: Submitted

---

## Interests & Experiences

**Please tell us how your qualifications and participation will relate to the requested board and/or commission's mission.**

---

I bring a perspective on our lived environment that has been shaped by living in various locations around the world, while experiencing transportation in different forms. I grew up riding to school in small town western Colorado, and have commuted to work by bicycle and train in Houston, Texas, the East Bay, and for four years in the Netherlands and Munich, Germany. As one that also drives frequently, I am convinced that the more people can experience streets from the lived experience of bicyclists and pedestrians, the deeper one's understanding of challenges to high-quality and safe active transportation becomes. I care deeply about providing facilities, opportunity, and optionality for people to meet transportation needs in an equitable and safe manner. Professionally, I started my career as a chemical engineer and worked over a decade as an industrial safety specialist, but my interest in understanding the forces that result in how we live in cities drove me to pursue an urban planning degree through night classes over a long eight and a half year course. Eventually, I decided that it was worth taking the risk to leave an established career and shift to working in a field that I have energy and drive to shape our public spaces for the better. I take pride in my work and understanding the perspective of vulnerable roadway users, and my expertise in the field of safety has a new meaning in terms of protecting everyday citizens in the public realm. I have been involved in a number of organizations that seek to understand needs of citizens and act on behalf of those that have been underserved. I am a fast learner and a curious mind, and have been upskilling myself on political and organizational perspective from Houston, Pittsburgh, as well as Oakland. I establish trusting relationships and have learned much about the delicate balance of individuals and conflict resolution as well as fantastic expression of diversity and strength in varied perspectives through my experience as part of the Temescal Commons Cohousing community in Oakland. I trust that my wide-ranging experience and quest to seek first to understand and actively listen will serve the BPAC well in contributing to the commission's efforts to advise on bicycle and pedestrian programs and projects. Thank you for your consideration. Respectfully, Jimmy Jessup

---

***Please submit your resume or curriculum vitae. You may upload a document. (A Word format is preferred.) Alternatively, you may paste the text of your resume in the field provided below.***

[JWJ\\_Resume\\_ex\\_2023.doc](#)

Upload a Resume

**Please paste the text of your resume or curriculum vitae below.**

---

James W. Jessup Mailing: [REDACTED]  
[REDACTED] Education & Training Rice University, Houston, TX. B.S. in Chemical Engineering; B.A. in Asian Studies (double degree), 2007 Registered, E.I.T, National Council of Examiners for Engineering and Surveying, 2008 Chartered Chemical Engineer, Member IChemE, 2016 Texas Southern University, Houston, TX Masters in Urban Planning and Environmental Policy, 2018 Competencies and Skills • Project Management Skills: o Demonstrated effectiveness in independently managing wide range of specialty consultancy technical studies from tendering through delivery and application o Strong integration with multidisciplinary engineering, environmental, commercial and corporate relations experts for project analysis input, knowledge and assurance o Successful track record influencing external regulators and approval bodies at various levels in wide contexts from the Middle East to Europe to the Americas o Skilled in embedding comprehensive corporate cultural movements such as process safety mindset and behavioral-based safety initiatives within office and construction environments o Experience leading construction support activities including safety performance monitoring and reporting, incident investigations, assurance and continuous improvement initiatives • Leadership attributes: o I passionately develop relationships with a wide range of people in pursuit of contextual solutions, with demonstrated effectiveness working in large, global project teams. o I fervently pursue knowledge and seek advice from subject matter experts, believing that skilled support and constant sharing of learnings is critical and necessary to continual improvement and project delivery excellence. o I push myself to achieve high standards and meet deadlines individually and as part of a team. I am organized, and plan out work,

Jimmy Jessup

tasks, and needed interactions. I am quick to provide resources when it leads to a win-win solution, am responsive and take ownership for issues and tasks. Professional Experience / Career History

Transportation Planner and Engineer – Parisi Transportation Consulting, a division of Parametrix: Berkeley, CA, July 2022 – Present • Manage technical studies and transportation planning projects that integrate community feedback, understand the experience of all circulation network users, and identify practical solutions. Experience performing transportation impact assessments, safety and vehicle miles traveled analyses, and have led development of transportation grant applications, general plan mobility elements, travel demand management plans, and corridor transportation plans. Senior Safety Project Engineer – Shell Hydrogen Mobility: San Francisco, CA, March 2019 – July 2022 • Hydrogen refueling stations and new business mobility projects o Perform due diligence activities of project social performance, environmental and sustainability studies, impact assessment, network planning, permitting and code compliance through all stages of hydrogen refueling infrastructure project development o Manage project safety and environment risk assessment activities and integration of design solutions into hydrogen business opportunities o Responsible for process safety in design and technical assurance of engineering deliverables, and for safety performance of construction, maintenance, and operations activities Project Safety and Environment Engineer – Shell International Exploration and Production: Lyon, France; Munich, Germany; Houston, TX; and Pittsburgh, PA, Jan 2015 – March 2019 • Pennsylvania Chemicals Project – Detailed Design and Construction, US \$6 billion project o Responsible for oversight of technical safety and environment work scope across three engineering contractors, ensuring consistency in deliverable development through coordination of work planning and pursuing alignment on technical issues across various global locations o Project manager for safety performance of unit construction activity for workforce of 500. Managed safety execution, stewarded on-site safety leadership program, led incident investigations, and demonstrated personal culture of care. Technical Safety Engineer – Shell Global Solutions, B.V.: The Hague, Netherlands, March 2013 – Jan 2015 • Al Karaana Petrochemicals Project – Front End Engineering Design (FEED), US \$6.5 billion project o Responsible for contractor delivery of project technical safety engineering and environmental deliverables, including risk studies, process safety reviews, loss prevention design, safety critical elements and impact assessment for large greenfield project in the Middle East. o Project manager for multiple Quantitative Risk Assessments and environmental studies; coordinated output and technical plans between engineering contractor and external stakeholders, and led land use, permitting and lease engagements with local approval authority Process and Technical Safety Engineer – Shell Oil Company: Houston, TX, October 2007 – March 2013 o Executed various technical safety studies for several Gulf of Mexico \$100 to \$500 million brownfield projects in detailed design and construction o Company focal point for developing and driving implementation of compliance with new Safety and Environment Management System regulation for all Gulf of Mexico projects. o Conducted studies for and collaborated on development of commissioning and startup procedures for subsea pumping and flowline system of US \$4 billion offshore project o Constructed and utilized real-time data tools for on-the-fly troubleshooting of subsea boosting system parameters during commissioning and first production from offshore. Engineering Intern, MPR Associates, Houston, TX, May – August 2006 Completed hydraulic calculations and overall analysis and design review of exhaust system for a rural power generation facility; presented final report including design modifications to client. Engineering Intern, Micron, Boise, ID, May – July 2004 Executed cleanroom chemical vapor deposition original research of various compounds on silicon oxide wafers and interpreted X-ray diffraction analysis. Built an apparatus to research vapor pressures of newly synthesized compounds prone to decomposition under vacuum; presented results in a final report. Volunteer Experience and Awards Oakland Bicycle and Pedestrian Commission Liaison to Open Forum Committee, 2022-Present Contribute to the commission's efforts to advise on programs and projects related by walking and bicycling by following up with individuals that have commented during open forum period at commission meetings. Public comments are tracked in accessible comment log, coordinate relevant stakeholders for input data or assistance, and recommend items for additional consideration for further committee consideration. Housing Committee Member, Lawrenceville United, Pittsburgh, PA, 2017-2020 Active member of my neighborhood Community Development Corporation housing committee, responsible for assisting in arrangement of housing advocacy events, information sharing at neighborhood festivals, and organizing a yearly workshop to promote awareness of local resources for rental and housing assistance programs. During this time, the committee successfully developed a proposal for Pittsburgh's first neighborhood Inclusionary Zoning overlay, gathered community support, introduced to the planning department, and the measure was successfully approved by city council in 2019. Circle Ally, Circles of Greater Pittsburgh, Pittsburgh, PA, 2017-2020 The mission of the Circles organization is to equip low-income families to resolve poverty and thrive by offering tools and support as part of an

integrated community. As an ally, I forged a long-term partnership with a low-income family, supporting in development of and commitment to a plan based on intentional relationship, leadership, accountability, increasing social capital, financial well-being, and access to a financial education and home ownership program. Outstanding Thesis Award, Texas Southern University, Houston, TX, 2018 I was honored to receive the top award among all graduate programs for my master's thesis, titled "Housing Needs Assessment at a Sub-City Geography: A Case Study of Pittsburgh Neighborhoods." Secretary Board Member, A 2nd Cup, Houston, TX, 2010-2013 Spearheading member of local non-profit coffeeshop dedicated to raising local awareness of human trafficking and providing aftercare solutions to victims in Houston, TX. Played an integral role in organizing small group of activists in formation of non-profit entity, gathering local partners, establishing an incubator pilot, and organizing to eventually open a successful permanent coffeeshop with an audacious purpose. Member, Student Planning Organization, Texas Southern University, Houston, TX, 2016-2018 Led organizing activities for students to partake in Better Block Houston and to volunteer with consultancy work being undertaken by local planning and urban design firms. Participated in framing sessions, activity planning, and identification of topics for learning series for masters urban planning students. Computer Skills Process / Technical Safety Engineering Programs: FRED (dispersion, fire and explosion consequence modeling software), SHEPHERD (quantitative risk integration software), HYSYS / UNISIM (process simulator), PIPESIM, OLGA (thermal-hydraulic simulators), PVTSIM (fluid characterization software) GIS: ArcGIS Other Programs: Microsoft Office Industry Publications H.S. Littell, J.W. Jessup, and W.W. Schoppa, Shell International Exploration and Production, Inc., M.R. Seay and T.D. Coulon, Shell Upstream Americas, Inc. "Perdido Startup: Flow Assurance and Subsea Artificial Lift Performance". OTC 21716-PP, 2011 Offshore Technology Conference, Houston, TX May 2-5, 2011. James Jessup, Julian Barlow, Damian Peake, Manoj Pillai, Shell Global Solutions B.V. "Building the Foundations for Process Safety in Projects". SPE-170442-MS, 2014 Society of Petroleum Engineers Middle East Health, Safety, Environment & Sustainable Development Conference, Doha, Qatar 22-25 September, 2014

---

**Please click the acknowledgement below.**

---

**Service on City of Oakland boards, commissions, and committees may require filings of the FPPC's Statements of Economic Interest (Form 700). Upon appointment and determination of filing status, I will comply with all filing obligations.**

---

I Agree \*

# James W. Jessup

---



## Education & Training

### **Rice University, Houston, TX.**

B.S. in Chemical Engineering; B.A. in Asian Studies (double degree), 2007  
*Registered*, E.I.T, National Council of Examiners for Engineering and Surveying, 2008  
*Chartered Chemical Engineer*, Member IChemE, 2016

### **Texas Southern University, Houston, TX**

Masters in Urban Planning and Environmental Policy, 2018

## Competencies and Skills

- Project Management Skills:
  - o Demonstrated effectiveness in independently managing wide range of specialty consultancy technical studies from tendering through delivery and application
  - o Strong integration with multidisciplinary engineering, environmental, commercial and corporate relations experts for project analysis input, knowledge and assurance
  - o Successful track record influencing external regulators and approval bodies at various levels in wide contexts from the Middle East to Europe to the Americas
  - o Skilled in embedding comprehensive corporate cultural movements such as process safety mindset and behavioral-based safety initiatives within office and construction environments
  - o Experience leading construction support activities including safety performance monitoring and reporting, incident investigations, assurance and continuous improvement initiatives
- Leadership attributes:
  - o I passionately develop relationships with a wide range of people in pursuit of contextual solutions, with demonstrated effectiveness working in large, global project teams.
  - o I fervently pursue knowledge and seek advice from subject matter experts, believing that skilled support and constant sharing of learnings is critical and necessary to continual improvement and project delivery excellence.
  - o I push myself to achieve high standards and meet deadlines individually and as part of a team. I am organized, and plan out work, tasks, and needed interactions. I am quick to provide resources when it leads to a win-win solution, am responsive and take ownership for issues and tasks.

## Professional Experience / Career History

### **Transportation Planner and Engineer** – *Parisi Transportation Consulting, a division of Parametrix: Berkeley, CA, July 2022 – Present*

- Manage technical studies and transportation planning projects that integrate community feedback, understand the experience of all circulation network users, and identify practical solutions. Experience performing transportation impact assessments, safety and vehicle miles traveled analyses, and have led development of transportation grant applications, general plan mobility elements, travel demand management plans, and corridor transportation plans.

### **Senior Safety Project Engineer** – *Shell Hydrogen Mobility: San Francisco, CA, March 2019 – July 2022*

- *Hydrogen refueling stations and new business mobility projects*
  - o Perform due diligence activities of project social performance, environmental and sustainability studies, impact assessment, network planning, permitting and code compliance through all stages of hydrogen refueling infrastructure project development
  - o Manage project safety and environment risk assessment activities and integration of design solutions into hydrogen business opportunities
  - o Responsible for process safety in design and technical assurance of engineering deliverables, and for safety performance of construction,

maintenance, and operations activities

**Project Safety and Environment Engineer** – Shell International Exploration and Production: Lyon, France; Munich, Germany; Houston, TX; and Pittsburgh, PA, Jan 2015 – March 2019

- *Pennsylvania Chemicals Project – Detailed Design and Construction, US \$6 billion project*
  - o Responsible for oversight of technical safety and environment work scope across three engineering contractors, ensuring consistency in deliverable development through coordination of work planning and pursuing alignment on technical issues across various global locations
  - o Project manager for safety performance of unit construction activity for workforce of 500. Managed safety execution, stewarded on-site safety leadership program, led incident investigations, and demonstrated personal culture of care.

**Technical Safety Engineer** – Shell Global Solutions, B.V.: The Hague, Netherlands, March 2013 – Jan 2015

- *Al Karaana Petrochemicals Project – Front End Engineering Design (FEED), US \$6.5 billion project*
  - o Responsible for contractor delivery of project technical safety engineering and environmental deliverables, including risk studies, process safety reviews, loss prevention design, safety critical elements and impact assessment for large greenfield project in the Middle East.
  - o Project manager for multiple Quantitative Risk Assessments and environmental studies; coordinated output and technical plans between engineering contractor and external stakeholders, and led land use, permitting and lease engagements with local approval authority

**Process and Technical Safety Engineer** – Shell Oil Company: Houston, TX, October 2007 – March 2013

- o Executed various technical safety studies for several Gulf of Mexico \$100 to \$500 million brownfield projects in detailed design and construction
- o Company focal point for developing and driving implementation of compliance with new Safety and Environment Management System regulation for all Gulf of Mexico projects.
- o Conducted studies for and collaborated on development of commissioning and startup procedures for subsea pumping and flowline system of US \$4 billion offshore project
- o Constructed and utilized real-time data tools for on-the-fly troubleshooting of subsea boosting system parameters during commissioning and first production from offshore.

**Engineering Intern, MPR Associates, Houston, TX, May – August 2006**

Completed hydraulic calculations and overall analysis and design review of exhaust system for a rural power generation facility; presented final report including design modifications to client.

**Engineering Intern, Micron, Boise, ID, May – July 2004**

Executed cleanroom chemical vapor deposition original research of various compounds on silicon oxide wafers and interpreted X-ray diffraction analysis. Built an apparatus to research vapor pressures of newly synthesized compounds prone to decomposition under vacuum; presented results in a final report.

Volunteer  
Experience  
and  
Awards

**Oakland Bicycle and Pedestrian Commission Liaison to Open Forum Committee, 2022-Present**

Contribute to the commission's efforts to advise on programs and projects related by walking and bicycling by following up with individuals that have commented during open forum period at commission meetings. Public comments are tracked in

accessible comment log, coordinate relevant stakeholders for input data or assistance, and recommend items for additional consideration for further committee consideration.

**Housing Committee Member**, Lawrenceville United, Pittsburgh, PA, 2017-2020

Active member of my neighborhood Community Development Corporation housing committee, responsible for assisting in arrangement of housing advocacy events, information sharing at neighborhood festivals, and organizing a yearly workshop to promote awareness of local resources for rental and housing assistance programs. During this time, the committee successfully developed a proposal for Pittsburgh's first neighborhood Inclusionary Zoning overlay, gathered community support, introduced to the planning department, and the measure was successfully approved by city council in 2019.

**Circle Ally**, Circles of Greater Pittsburgh, Pittsburgh, PA, 2017-2020

The mission of the Circles organization is to equip low-income families to resolve poverty and thrive by offering tools and support as part of an integrated community. As an ally, I forged a long-term partnership with a low-income family, supporting in development of and commitment to a plan based on intentional relationship, leadership, accountability, increasing social capital, financial well-being, and access to a financial education and home ownership program.

**Outstanding Thesis Award**, Texas Southern University, Houston, TX, 2018

I was honored to receive the top award among all graduate programs for my master's thesis, titled "*Housing Needs Assessment at a Sub-City Geography: A Case Study of Pittsburgh Neighborhoods.*"

**Secretary Board Member**, A 2<sup>nd</sup> Cup, Houston, TX, 2010-2013

Spearheading member of local non-profit coffeeshop dedicated to raising local awareness of human trafficking and providing aftercare solutions to victims in Houston, TX. Played an integral role in organizing small group of activists in formation of non-profit entity, gathering local partners, establishing an incubator pilot, and organizing to eventually open a successful permanent coffeeshop with an audacious purpose.

**Member**, Student Planning Organization, Texas Southern University, Houston, TX, 2016-2018

Led organizing activities for students to partake in Better Block Houston and to volunteer with consultancy work being undertaken by local planning and urban design firms. Participated in framing sessions, activity planning, and identification of topics for learning series for masters urban planning students.

Computer Skills

Process / Technical Safety Engineering Programs: FRED (dispersion, fire and explosion consequence modeling software), SHEPHERD (quantitative risk integration software), HYSYS / UNISIM (process simulator), PIPESIM, OLGA (thermal-hydraulic simulators), PVTSIM (fluid characterization software)  
GIS: ArcGIS  
Other Programs: Microsoft Office

Industry Publications

H.S. Littell, J.W. Jessup, and W.W. Schoppa, Shell International Exploration and Production, Inc., M.R. Seay and T.D. Coulon, Shell Upstream Americas, Inc. "*Perdido Startup: Flow Assurance and Subsea Artificial Lift Performance*". OTC 21716-PP, 2011 Offshore Technology Conference, Houston, TX May 2-5, 2011.

James Jessup, Julian Barlow, Damian Peake, Manoj Pillai, Shell Global Solutions B.V. "*Building the Foundations for Process Safety in Projects*". SPE-170442-MS, 2014 Society of Petroleum Engineers Middle East Health, Safety, Environment & Sustainable Development Conference, Doha, Qatar 22-25 September, 2014



APPROVED AS TO FORM AND LEGALITY

  
CITY ATTORNEY'S OFFICE

## OAKLAND CITY COUNCIL

RESOLUTION NO. \_\_\_\_\_ C.M.S.

INTRODUCED BY MAYOR SHENG THAO

---

**RESOLUTION CONFIRMING THE MAYOR'S APPOINTMENT OF  
JAMES JESSUP AS A MEMBER OF THE BICYCLIST AND PEDESTRIAN  
ADVISORY COMMISSION**

**WHEREAS**, Section 601 of the City Charter provides that members of City boards and commissions shall be appointed by the Mayor subject to confirmation by the affirmative vote of five members of the City Council; and

**WHEREAS**, Ordinance No. 18815 C.M.S., adopted February 4, 2014, created the Oakland Bicyclist and Pedestrian Advisory Commission to advise City Council and staff on bicyclist- and pedestrian- specific policies, projects, and programs, and on the accommodation of bicyclists and pedestrians in all transportation plans, policies, projects and programs, and to provide annual reports to the Public Works Committee of the City Council, to summarize the Commission's work over the course of the year, and to identify key policy issues affecting the safety of and access for bicyclists and pedestrians in Oakland; and

**WHEREAS**, the Bicyclist and Pedestrian Advisory Commission consists of nine members serving three-year staggered terms with no more than six consecutive years of service by any Commissioner; and

**WHEREAS**, the Honorable Mayor Sheng Thao appoints James Jessup to serve on the Bicyclist and Pedestrian Advisory Commission subject to confirmation by the City Council; now therefore be it

**RESOLVED:** That pursuant to City Charter section 601, the City Council hereby confirms the Mayor’s appointment of:

**James Jessup**, to serve a three-year term on the Bicyclist and Pedestrian Advisory Commission beginning January 1, 2024 and ending December 31, 2026, to fill the seat vacated by Cynthia Herrera.

IN COUNCIL, OAKLAND, CALIFORNIA,

PASSED BY THE FOLLOWING VOTE:

AYES - FIFE, GALLO, JENKINS, KALB, KAPLAN, RAMACHANDRAN, REID, AND  
PRESIDENT FORTUNATO BAS

NOES –

ABSENT –

ABSTENTION –

ATTEST: \_\_\_\_\_

ASHA REED  
City Clerk and Clerk of the Council of the  
City of Oakland, California