Board Appointment Form

City Clerk

Appointing Office	Representative Brian Kennedy, District 1
Agenda Placement	Consent
Date of Council Meeting	Tuesday, July 18, 2023
Name of Board	Open Space Advisory Board
Agenda Posting Language	Re-appointment of Stephen Tures to the Open Space Advisory Board by Representative Brian Kennedy, District 1.
Appointment Type	Regular
List the nominee's qualifications to serve on this Board	Mr. Tures is a Native El Pasoan, Boy Scout (rank of Life, numerous outdoor treks conservation projects), volunteer positions with Franklin Mountains Wilderness Coalition as well as volunteering with the Franklin Mountains State Park on trail development and improvement and the newly forming Franklin Mountains Friends, and has a desire to serve and give back to the people of El Paso.
Nominee Name	Stephen Tures
Nominee Email Address	███████████████
Nominee Residential Address	███████████████████
Nominee Primary Phone Number	█████████
Which District does the nominee reside in?	District 8
Does the appointee have a relative working for the City?	N/A
Has the appointee been a member of any other city boards?	OSAB - Current
List all real estate owned in El Paso County	████████████████
Previous Appointee	Stephen Tures
Reason for Vacancy	Term Expired
Date of Appointment	July 18, 2023
Term Begins On	July 01, 2023
Term Expires On	June 30, 2027
Term	1st Term
Upload File(s)	Stephen Tures Resume.pdf

Stephen Tures

Employment

Google, Inc - Mountain View, CA
Feb 2007 - Current

- **AV Platforms Lead (Manager)** - Oct 2022 until present
  - Newly promoted to management for a small group of engineers responsible for software development or partnership for a variety of software stacks, both internally and externally developed. Examples are AV control hardware used in approx 900 large auditoriums and even spaces, as well as bespoke bleeding-edge AV experience installations such as at the flagship NYC Pier 57 (video) among many others.
  - Technologies:
    - C#, Javascript, Typescript, Java, Go.
  - Partners
    - Key internal dev teams and also Thinkwell Group, Deeplocal, Downstream.

- **Technical Operations Engineer** - May 2021 until Oct 2022
  - Technology Lifecycle Operations. Upon the completion of the GVC project, I moved to a team responsible for coordination and planning of deployed technologies that are primarily shared-use in nature. Examples are Videoconferencing Room Hardware, Hardware Vending Machines for technology accessories, etc. Lead the implementation of tools access control that affected all technical support organizations totaling approx 4500 support techs.
  - Technologies:
    - SQL (internal and external variants), Google Workspace tools, Google Meet.

- **Videoconferencing Systems Engineer** - July 2009 until May 2021
  - Co-founded an engineering team ("GVC") and was responsible for web application programming and customized appliance-like operating system used to build a custom, inexpensive videoconferencing devices. Averaged 6x cost savings over previous versions, added features not currently available with previous third-party videoconferencing units. Mentored new engineers as they were added to the project (team size >50 currently). **More info available upon request as I'm quite happy with the state of the project.**
  - GVC was the basis and shared design for the product publicly known as Gsuite Meeting Room Hardware.
  - Started and managed sysadmin team to maintain Google Talk / H.323 interop linux servers running a custom server binary.

- - - Responsible for serving 410k minutes of video calls per week.
    - Scaled initial server capacity from 50 concurrent users 400+ peak concurrent users.
    - Reduced global service latency from >600ms to 200ms or less which also improved on-time packet delivery and thus improved quality.
    - Generated playbook and other service owner best practices, mentored current team. Implemented alerts / monitoring.
  - Technologies used:
    - Operating Systems: ChromeOS, Linux Ubuntu, Windows
    - Core Programming Languages and Standards
      - Python, Bash, Powershell / Batch Scripting, WebRTC, H.323 (videoconferencing spec, Google was largest single consumer of videoconferencing globally), Video concepts such as resolution, colorspace, framerate, codecs, etc. Networking Concepts such as STUN, ICE, RTP / RTCP (TCP/UDP). Security Concepts - implemented AES within project. Google Apps expert.
    - Extended Programming Skills (lesser interaction, readability)
      - Javascript / Closure / Proprietary Webdev Stack, Java
  - Press and recognition for videoconferencing work:
    - *"Life As Google's CIO - Ben Fried explains the unique experience of... [building] a homegrown videoconferencing system."*
      - https://www.informationweek.com/applications/life-as-googles-cio/d/d-id/1097089
    - Q4/Q1 2011 Best Project, Corporate Engineering.
    - Q1 2011 Google Engineering Honorable Mention.
    - Honored to have twice presented project at company-wide meetings.

- **IT Field Technician** - Google - Feb 2007 to July 2009
  - San Francisco office. IT lead for opening office now home to over 5000 Googlers. Mentored total of six technicians, developed hybrid support model currently used today at SF and Youtube offices.
  - Field Tech Data Recovery. Founded 20% team composed of four engineers focused on improving data recovery techniques. Developed, tested, documented and evangelized new techniques to global IT Field Tech team, saved >$100k in unnecessary third-party data recovery.
  - Doubleclick Merger team. Responsible for audit and migration of all pre-existing Doubleclick corp software licenses to Google ownership. Developed and canaried San Francisco office user migration techniques to be used at larger office migrations.
  - Desktop Support Knowledge Base. Collaborated with select techs to migrate pre-existing Knowledge Base to Google Sites. Audited and categorized articles, developed article peer review workflow.
  - Android Testing. Selected for Q/A test group for 5 pre-release Android devices.
  - Recognition: two promotions in four years worked, 25 peer recognition awards which approval from manager.
  - I've interviewed ~110 candidates for various positions in Google.
  - Technologies Used:
    - Operating Systems: Windows XP,Vista, Win7. OS X 10.4, 10.5, 10.6.

Engineering environment (customized versions of Ubuntu 6.06, 8.04, 10.04 - desktop, server and laptop), RHEL, Google-proprietary OS and hardware, W2K, W2K3 and W2K8 server.
- Software: MS Office (Word, Excel, Powerpoint, Outlook, Exchange), Adobe Photoshop, PDF authoring, InDesign, Dreamweaver, Google Apps, numerous open-source apps such as OpenOffice, Gnu Image Manipulation Program, Audacity, Videoconferencing, many others.
- Smartphones: Android, Iphone, Blackberry, WinMo.
- Networking: OSI fundamentals, TCP, RTP, Multicast, etc.
- Security: GSEC Silver Certified. Application-level, OS, Networking, Cryptography (AES, SSL, others), authentication, etc.

University of San Francisco - School of Law
July 2001 – Feb 2007

Technical Support Specialist
- Wide variety of IT responsibilities (primarily win client / server). Detail Available upon request.

June 1999 – August 1999
Aii Technologies / IBM - El Paso TX

Laptop Repair Technician
- Hardware repair of new IBM Thinkpad Laptops that did not pass factory inspection.

1999 - Ongoing
Audio Production / Audio Mastering
- Freelance mixing and finalized music tracks for CD and Internet distribution.
- Software and Hardware Used:
    - Sony Vegas, Sony Acid, Sony Sound Forge, CD Architect, Cubase SX, Ableton, Waves and many others.

Education

- University of San Francisco - 1998 – 2004 (part-time 2000-2004 due to full-time IT job)
    - Bachelor of Arts
        - Major - Media Studies / Electronic Media
        - Minor - Computer Science
- High School - Cathedral High School, El Paso TX - Graduated 1998
    - Born and raised in El Paso TX.
- The Recording Workshop - Summer 1997 - Chillicothe, OH
    - Audio engineering training and certification
- Certification: GIAC GSEC Silver

Misc

- Franklin Mountains:
    - Cleanup and trail maintenance of Ron Coleman trail with Cesar Mendez and other FMSP staff.
    - Transmountain roadside cleanup effort.
- Franklin Mountains Wilderness Coalition
    - Participation in activities and open space advocacy since 2017. Board member at large since approx late 2017.
- Future: Franklin Mountains Friends
    - I am driving the creation of a friends of Franklin Mountains State Park called 'Franklin Mountains Friends" 501.c3 organization that will help FMSP achieve various funding and project creation. Advocacy for this group is not permitted under TPWD rules.
- Scouting of America: Rank achieved: Life scout.
- Languages: Conversational Spanish.

Interests

Most of my interests are documented at https://www.stevetures.com/

- Hiking and Photography
  - I've enjoyed exploring and hiking in the West Texas / Southern NM region. I've taken many photos along the way. Some of my favorite photos (outdoor or otherwise) can be seen here.
- Computers
  - amateur audio / video compression, computer architecture, performance and 3d applications enthusiast, web development
- Musician - guitar, bass, keyboard, vocals, drums, programming, recording.
  - More info: kyivradio.com

References
- Google - available upon request due to ongoing employment.
- Older employment references available upon request.