



**CITY OF MORGAN HILL
APPLICATION FOR APPOINTMENT TO
COMMISSION OR COMMITTEE**

(In order to be considered for appointment, this application form must be fully executed and all questions answered by applicant, including those who are Incumbents. If you prefer to type your answers on the form, an electronic version will be e-mailed to you upon request.)

Name: Daniel Redfield *E-mail Address: [REDACTED]

*Home address: [REDACTED] *City: Morgan Hill

*Telephone: (Work) ([REDACTED]) ([REDACTED]) (Home) ([REDACTED]) ([REDACTED]) (Cell) ([REDACTED]) ([REDACTED])

Occupation: Engineer Employer: Applied Materials

Number of Years lived within City Limits: 6.00 Are you a registered voter? Yes ☒ No ☐

If not a MH resident, years worked in City Limits: _____ -or-

Years lived within the MH School District boundary: 6

Do you have any relatives currently employed by the City of Morgan Hill? Yes ☐ No ☒

Properties owned in Morgan Hill/Address(es): _____

*I consent to the release to the public of the above contact information marked with an *: Yes ☒ No ☐

QUESTIONNAIRE

(Please attach additional sheets, as necessary, to provide complete answers)

1. Please attach a resumé, or briefly describe your background, listing the qualifications and skills, which you can contribute to the Commission.

Attached.

2. Have you served on any other citizen advisory commissions or committees? If so, please list and briefly explain the purpose of each committee.

Served as a Stakeholder Advisor for the Bikes and Trails Master Plan 2016 in support of the Parks and Rec. Commission

3. What do you believe to be the role of the Commission, and why you would like to serve on this Commission?

The role of the LAC should be focused on enriching the cultural opportunity for city residents. This may come in the form of public visual arts, inspiring horticulture, and live performances that bring our community and friends together. I would like to contribute to the continued success of LAC initiatives.

4. What skills and experience do you believe would be important to your role as a Commissioner?

The ability to represent our diverse community with the recommendation of appropriate public art and performance. I have traveled extensively and believe I have seen many examples of public art and festivals which enrich great towns and cities. I would bring this background and my experience to council discussions.

5. How would you know if the Commission is successful in supporting the City Council's Goals?

I would measure success for existing activities such as summer concert series and the Morgan Hill Playhouse through the attendance of patrons and vendors. For library resources a metric around community membership and satisfaction surveys. For public art installations the a metric for new art proposals and general public attendance of commission meeting or city council hearings on the arts may be reflective of public engagement.

6. What would you like to accomplish as a member of the Commission?

I would like to see the commission develop a plan to expand the public art plan to include locations East of HWY101. Many opportunities to enrich the communities through interesting and exciting art installations in parks or public schools. Opportunities also exist to expand the utility of our public library.

7. What are the greatest opportunities facing the community in regards to this Commission?

Downtown beautification and enhanced outdoor entertainment through the additional development of restaurants, lodging, and Shopping.

8. If you are an incumbent seeking reappointment:

- Are you currently serving on a Committee?
- Are you next in line to serve as Chair or Vice-Chair?
- Are you assigned to a special project?
- If assigned to a special project, please identify the project:

Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>

Name of commission

9. I am interested in serving on the following Commission or Committee? Please indicate:

☒ **LIBRARY, CULTURAL AND ARTS COMMISSION**

The Library, Culture and Arts Commission provides the City Council with advice and recommendations regarding the adequacy of library facilities; seeks opportunities for city sponsored artistic and performance opportunities; encourages community involvement in the arts; and reviews and recommends works of art to be acquired by the City or installed on public property. This seven member Committee meets on the second Tuesday of odd numbered months at 7:00 p.m. at the Morgan Hill Library.

☐ **PARKS & RECREATION COMMISSION**

The Parks and Recreation Commission provides the City Council with advice and recommendations on recreation programs, activities and resources. The Commission also plans for the future growth and development of parks facilities and recreation programming. This seven member Commission meets on the third Tuesday of odd numbered months at 7:00 p.m.

☐ **PLANNING COMMISSION**

The Planning Commission performs duties and exercises power and authority with regard to planning, subdivisions, zoning, zoning administration, residential development control, and other land use regulatory controls as prescribed by ordinance and state law. The Commission serves as an advisory body to the City Council on Zoning and General Plan related matters. The Commission is a seven member body, and each commissioner serves a term of four years and meets on the second and fourth Tuesday each month.

By my signature below, I acknowledge that I will be subject to the City's Conflict of Interest Code; the City Council's requirement of a two hour "Fair Political Practices Commission ABI234 Ethics" training session, and the requirement to file Statements of Economic Interest forms with the City of Morgan Hill when I assume office, annually thereafter, and when leaving office.

By my signature below, I consent to comply with all government regulations, should I be appointed to serve on a City of Morgan Hill Commission or Committee, and confirm that I have read the attached Ethics Policy; that I do subscribe to this Policy; that I will apply it to the specific responsibilities which I may be assigned; and that I will practice the core values set forth in this Policy in my public service for the City of Morgan Hill. Additionally, I commit to attend and participate in all Commission and Committee meetings to which I am appointed, unless excused by the Chair.

SIGNATURE: Dann Redford

Date: 2/2/2017

DANIEL REDFIELD

◆ Morgan Hill, CA 95037 ◆

Objective:

Looking for an opportunity to serve the Morgan Hill Community through the Library, Culture, and Arts Commission.

RELEVANT BIO DETAILS

- ◆ **Married to Jessica Redfield** - Assoc. Exec. Dir. At the Morgan Hill CRC.
- ◆ **Father of 2 sons:**
 - **Dresden Redfield** – Sobrato Graduate and Senior at UCSD
 - **Camden Redfield** – Sophomore at Sobrato High School
- ◆ **Morgan Hill Resident for 6.5 years**
- ◆ **Interested in supporting Community Initiatives which will improve Morgan Hill residents quality of life.** I have participated in several city council meetings in regards to opening public trails and land use. Specifically the El Toro trailhead establishment and efforts to secure property at the base of the El Toro.
- ◆ **Volunteer for many YMCA/Morgan Hill events**, Morgan Hill Youth Tri 2013-2016, YMCA annual campaign 2012-2017, Get Fit 2014-2016.
- ◆ **A member of Morgan Hill Church Communities.**
- ◆ **Participating in many Sobrato Fundraisers** – Football, Baseball, Track, FFA.

EDUCATION

NORTHWEST NAZARENE UNIVERSITY — Nampa, ID

Bachelor of Arts in Chemistry, 1998

DANIEL REDFIELD

◆ Morgan Hill, CA 95037 ◆

- ◆ **History of leading Semiconductor Development Efforts**, have been leading a 3d Printing Initiative for the past 3 years.
- ◆ **Demonstrated ability to resolve complex problems and prevent reoccurrence**, individually and through multi-disciplinary teams.
- ◆ **Strong Semiconductor Supply Chain experience**. Knowledgeable of fab, OEM supplier, and OEM supply chain needs and interaction. Bring a unique perspective of what is required in the supply chain to make each link successful. Possess an awareness of common misconceptions that challenge the understanding of other members in the supply chain.
- ◆ **Experienced with critical Semiconductor mfg. process and techniques**, including the application of Teflon, Halar, Rilsan, Anodize, Yttria thermal spray, Alumina Thermal Spray, Aluminum Arc Spray, polymer casting, and many others.
- ◆ **Over 7 years of Semiconductor Fab Engineering experience**, working specifically in the areas of CMP and Wet Process. In addition to core areas of experience, I possess a strong working knowledge of Dry Etch, CVD, Photo, Implant, Diffusion, PVD, and Plating.

TECHNICAL SKILLS

<i>Performance Management</i>	<i>Arc Spray</i>	<i>SPC Methods</i>
<i>Organizational Development</i>	<i>Plasma Spray</i>	<i>ICPMS, SEM, EDX, etc.</i>
<i>Specification Creation</i>	<i>Robot Teaching</i>	<i>CMP Endpoint</i>
<i>Material Testing</i>	<i>KT Project Management</i>	<i>Surface Modification</i>

PROFESSIONAL EXPERIENCE

APPLIED MATERIALS — Santa Clara, CA

Sr. Engineering Mgr., 2014-Present

Special Process Engineer, 2010-2014

Program manager for the development of Semiconductor consumables using 3D Printing Technology. Responsible for the direction of multidisciplinary teams to develop chemistries, hardware, mfg. process, and semiconductor process.

Key Results:

- ◆ Construction of 3D Printing lab, support for Chemistry and materials characterization labs.
- ◆ Demonstration of 3D Printing concept feasibility for semicon. consumables
- ◆ Developed a team of 15+ Engineers and Chemists to support the initiative
- ◆ Launching initial customer demos in 2017.

Responsible for the Polymer Coating specifications and approved vendor list that are used by all AMAT SSG BU's. Successfully worked throughout our supply chain (50+ suppliers), built effective relationships, and executed corrective actions when required. Supported DEA's across the BU's as the SME for coatings. Deal honestly and openly with internal and external customers.

Key Results:

- ◆ Supported CMP BU on numerous projects:
 - 2014 – Redefining build requirements for CMP Lower Platen 0041-47841 (Halar coating and drawing dimensions)
 - 2013 – DuraPad PU Excursion (Root cause identified and corrections implemented)
 - 2013 – TMAH coating material compatibility study (Resultant coating used in upgrade kits)
 - 2012 – LK Base plate Halar coating transition to new supply chain.

- 2011 – Implemented corrective action and supply chain recovery following Everslik coating excursion.
- ◆ Supported other BU's on numerous projects:
 - 2014 – ICPMS and LPC bulk material limit setting for surface cleaning (FEP, ETCH, DSM)
 - 2013 – Low IR coating development for EPI chamber
 - 2012 – PU material/process development in support of PWS wire guide product.
 - 2010-12 – Excursion/corrective action resolution for multiple coating and pretreatment failures.

PROFESSIONAL EXPERIENCE (CONTINUED)

- ◆ Create and maintain Polymer specifications to support critical part design requirements. First author of many specifications and improved/refreshed others. Examples:
 - 0250-48481 Specification for Low IR Reflective Coating
 - 0250-46679 Specification for Polyethylene Coating
 - 0250-46233 Rilsan Coating Cosmetic Requirements
- ◆ Performed Supplier Capability Approvals of Paint, Fluoropolymer, Plastic Suppliers.
- ◆ Provided polymer coating training for AMAT employees across the company.
- ◆ Conducted and coordinated analytical testing for coating and material performance which included, SEM, EDX, Pull Testing, Hardness, IC, ICPMS, DSC, TGA, DMTA, and Density.

NXEDGE, INC — Boise, ID

Provides coatings and new parts to Semiconductor OEM and IDM customers

Application Engineer, 2008 to 2010

Responsible for finding and advancing business opportunities. Ensuring that coating performance for existing and new material meets with supplier application specification, customer performance requirements, production capability, and business financial objectives.

Key Results:

- ◆ Managed engineering solutions, quality planning, and production readiness of new coating/parts business. This included part design review, quality requirement setting, and production volume forecasting with key customers.
- ◆ Worked with new materials and applications to provide material modification solutions that could meet customers' needs and fit NxEdge capabilities.
- ◆ Through the recession, I leveraged my semiconductor knowledge to provide solutions to customers outside of traditional NxEdge core SEMI business. (Solar, Medical, Flat Panel)

MICRON, INC. — Boise, ID

Leading DRAM and NAND memory Manufacturer

KEG CMP Engineer, 2006 to 2008

CMP/WP Engineer Mgr, 2001 to 2006

Worked to promote knowledge and best known methods sharing between CMP groups at different Micron manufacturing sites worldwide. Built and maintained new capital equipment acceptance documents (FAC, SAC, PAC). Organized monthly CMP worldwide site meetings and led annual face-to-face summits.

Key Results:

- ◆ Established CMP Pad, Slurry, Stone, Retaining Ring working groups between mfg. sites and R&D CMP engineering groups while Key Equipment Group (KEG) Engineer.
- ◆ Represented the Engineering interests when supporting Commercial Business Mgrs. negotiations with CMP consumable vendors.

- ◆ Lead CIP reviews between multi-site Micron CMP groups and key equipment manufacturers. Tracked and drove open CIP issues to completion.
- ◆ Responsible for accuracy and completion of FAC, SAC, and PAC criteria.
- ◆ Led site audits of key consumable suppliers including audits of the leading CMP pad suppliers which included Process Eng. representatives from various Micron sites.
- ◆ Supervisor of 18 Engineers and Technicians. Responsible for performance issues of personnel including promotion and disciplinary action.
- ◆ Directed quality and efficiency teams. The Combi Etch team achieved 20% increase in availability of the workstation through rework reduction and equipment/chemistry modifications.

ADDITIONAL EXPERIENCE

PFIZER, INC. (Pharmacia) — Portage, MI

World leader in pharmaceutical drug manufacturing and research

Research Chemist, 1999 to 2001

Worked as a lab research chemist where responsibilities included developing and evaluating the reliability of methods for dissolution rate testing of new dosage forms. This included the transferring of methods to the pharmaceutical analysis lab for long term stability testing.

Key Results:

- ◆ Trained personnel in methods and ensured documentation reflected appropriate GMP methods.
- ◆ Conducted site audits and side-by-side testing of drugs with contract mfg. company.
- ◆ Supported research scientists in efforts to improve correlation between in-vitro and in-vivo testing of active pharmaceutical molecules.
- ◆ Fostered a strong collaborative atmosphere between research and analysis lab teams.

EDUCATION

NORTHWEST NAZARENE UNIVERSITY — Nampa, ID

Bachelor of Arts in Chemistry, 1998

Undergraduate Research: Synthesis of Molecular Tweezers (May 1997-Aug. 1997)