

## **CHARLOTTE M. RODEEN-DICKERT, Esq.**

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### **PERSONAL STATEMENT**

My career path has been anything but linear. However, the common theme throughout my experiences within engineering, teaching, technical writing, law, museum programming, and fundraising has been communication. These fields often involve complex ideas, and I enjoy breaking these down so others can learn from them. The best projects are those in which the communication flows both ways and I also learn something.

### **EDUCATION**

#### **Master of Aerospace Engineering, Auburn University, 2012**

Emphasis on propulsion systems, materials science, and MEMS design and fabrication.

Master's Project: "Materials Consideration in Micro-thruster Design"

Faculty Advisor: Prof. Roy Hartfield

#### **J.D., Golden Gate University School of Law, 2004**

Specialization in Intellectual Property Law (with Distinction)

Graduation with Honors

#### **Single-subject Teaching Credential (Physics), St. Mary's College of CA, 1997**

#### **B.S., Mechanical Engineering, University of California at Berkeley, 1993**

Edited research proposals and technical papers for mechanical engineering faculty.

Developed curriculum for undergraduate engineers, emphasizing analysis and design.

Tutored physics for the Minority Engineering and Disabled Students Programs.

### **TEACHING EXPERIENCE**

#### **Adjunct Professor, Golden Gate University School of Law, 2007-2010**

- Patent Prosecution Process
- Used Moodle MOOC online platform for assignments, grading, and communicating with students outside of class.

#### **Mathematics and Physics Instructor, Holy Names High School, Oakland, CA, 1997-2001**

- Algebra II, Trigonometry, Pre-Calculus, Calculus
- Physics

**Chemistry and Physics Instructor, The Athenian School, Danville, CA, 1995-1997**

- General Chemistry
- Conceptual and Advanced Physics

**OTHER PROFESSIONAL EXPERIENCE**

**Patent Attorney, West & Associates, a PC, Walnut Creek, CA 2004-present**

- Draft and prosecute patent applications, primarily in the mechanical arts.
- Counsel clients regarding intellectual property and business matters.
- Licensed to practice in California, the District of Columbia, and the USPTO

**Freelance Science/Legal Writer 2011-present**

- Developed aerospace design software user manuals for Research in Flight, Inc.
- Developed standardized testing practice materials, including review summaries and practice problems for Algebra I, Algebra II, Geometry, and Calculus
- Developed multiple-choice questions for the Armed Services Vocational Assessment Battery (ASVAB) in the areas of Mechanical Competency and Shop Information
- Wrote grant proposal letters, press releases, email newsletters, and articles for Lindsay Wildlife Museum

**Grants Director/STEM Program Manager, USS Hornet Museum, Alameda, CA 2014-2019**

- Developed STEM curriculum and programs reflecting the *Next Generation Science Standards* to expand current K-12 museum education programs.
- Worked with the Education and Live-Aboard Directors to implement this curriculum into existing day and overnight programs.
- Served as lead instructor and coordinated instructor training.
- Established and maintained relationships with supporting and beneficiary institutions, corporate sponsors, and other organizations.
- Researched funding sources and wrote grant proposals.
- Prepared and tracked all proposal submissions and awards.
- Worked with Development Team in strategic planning.

**Judicial Extern, U.S. District Court, Northern District of California, 2004**

- Researched and drafted bench court documents for a variety of federal cases, including patent litigation, for Hon. Elizabeth Laporte.

**Legal Intern, Electronic Frontier Foundation, San Francisco, CA, 2004**

- In a public-interest setting, researched and wrote memoranda on Internet and surveillance privacy, intellectual property, and law and technology matters.

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**Research Assistant, Golden Gate University School of Law, San Francisco, CA 2004**

- Researched legal privacy issues surrounding the use of radio-frequency identification (RFID) devices for tracking and transmitting personal information.

**Senior Technical Writer, University of California Office of Technology Transfer, Oakland, CA 2000-2003**

- Reviewed invention disclosures and drafted summaries to present to companies for potential licensing opportunities.
- Researched and identified potential licensees using industry and patent databases.
- Participated in license negotiations and assisted with patent procedures.

**CONFERENCE PRESENTATIONS**

“A Dot, a Dash, a Ping and a Flash: Coding Applications for STEAM”, California Association of Museums Conference, San Francisco, CA, 2018

“STEM Education in Naval History Museums.” Historical Naval Ships Association Conference, Charleston, SC, 2017.

“Electrochemistry Applications in Naval Museum STEM Programs.” USNA STEM Training at the USS Midway Museum, San Diego, CA, 2016

“Covering Your Assets: IP Considerations in Other Legal Fields.” Contra Costa Bar Association MCLE Event, Walnut Creek, CA 2006

**CERTIFICATIONS**

Certificate in Museum Studies, John F. Kennedy University, Pleasant Hill, CA (in progress)

40-hour Mediation Certificate, U.C. Berkeley Extension

**PROFESSIONAL AFFILIATIONS**

California State Bar

Bar Association of the District of Columbia

United States Patent and Trademark Office Bar

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### **HONORS AND AWARDS**

#### **Best Essay Award, Golden Gate University School of Law**

Received award for best essay in the “Accounting for Lawyers” course.

#### **Outstanding Achievement Award, Golden Gate University School of Law**

Received award for top student in “Patent Prosecution”, “Patent Law”, and “Constitutional Law” courses.

### **PROFESSIONAL SERVICE**

Former Managing Board Member, YMCA of the East Bay (2013-2016)

Former Board Member, U.C. Berkeley Engineering Alumni Society (2006-2008)

### **COMMUNITY SERVICE**

Former Docent (VP of Docent Council) Lindsay Wildlife Experience, Walnut Creek, CA (2011-2014)