DEBORAH M. HUSSEY FREELAND

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ACADEMIC APPOINTMENTS

Stanford Law School—Stanford, CA
Research Fellow, Stanford Center on the Legal Profession, 2013–present

- Quantitative research on long-term trends in legal education and the legal profession

University of San Francisco—San Francisco, CA
Associate Professor of Law, 2008–present

- Courses taught: Civil Procedure, Evidence, Science and the Law

Stanford University—Stanford, CA
Visiting Scholar, Freeman Spogli Institute for International Studies, Center for Environmental Science and Policy, 2007–2008

- Research on the integration of science into legal frameworks for wetlands management, and the use of science in dispute resolution

Oberlin College—Oberlin, OH
Visiting Assistant Professor, and Minority Scholar-in-Residence, 1999-2000

- Courses taught: Basic Chemistry; Chemistry and the Environment; Feminist Theories of Science and Technology; and Tutorials: Chemistry of Food; Feminist Theories of Medicine; OhioPIRG Website Design

Stanford University—Stanford, CA
Science Fellow, Freeman Spogli Institute for International Studies, Center for International Security and Cooperation, 1998–1999

- Research on international security aspects of environmental issues

DEGREES

Stanford Law School—Stanford, CA
J.D., 2003

- Intellectual Property Writing Award
- American Association of University Women Selected Professions Fellowship
- Research Assistant to John H. Merryman: issues in international cultural property
- STANFORD LAW AND POLICY REVIEW, Managing Articles Editor, Executive Editor and Lead Editor
- Elected representative to Faculty Curriculum Committee
- Elected representative to Faculty Hiring Committee

Stanford University—Stanford, CA
Ph.D., Interdepartmental Program in Biophysics, 1998

- Dissertation: THEORETICAL ANALYSIS, SIMULATIONS AND EXPERIMENTAL INVESTIGATIONS OF ELECTRONIC EXCITATION TRANSPORT IN POLYMER COMPOSITES
- Stanford Center on Conflict and Negotiation Graduate Fellowship
- National Science Foundation Minority Graduate Fellowship
- Soroptimist International Dissertation Fellowship

Vassar College—Poughkeepsie, NY
B.A., Double major in Cognitive Science and Biochemistry, 1987

- Cognitive Science Honors Thesis: *Metaphor and Structures of Information*
- Honorary Vassar Fellowship
- National Science Foundation Incentives for Excellence Prize to Vassar College in my honor
- Undergraduate Research Summer Institute Fellowship
- Teaching Fellowship in Neurobiology
- Teaching Fellowship in Computer Science
- Tri-Beta Biology Honor Society

PUBLICATIONS

The Demand for Legal Education: Statistical Analyses of Long-Term Trends, ___ J. LEGAL EDUC. ___ (forthcoming 2015) (peer reviewed)

Law & Science: Toward a Unified Field, 47 CONN. L. REV. ___ (forthcoming 2014)

Recovering the Lost Lawyer, 2014 A.B.A. J. PROF. LAW. 1 (peer reviewed)

Speaking Science to Law, 25 GEO. INT'L ENVTL. L. REV. 289 (2013)

What Is a Lawyer? A Reconstruction of the Lawyer As an Officer of the Court, 31 ST. LOUIS U. PUB. L. REV. 425 (2012)

Maieusis Through a Gated Membrane: "Getting the Science Right" in Public Decisionmaking, 26 STAN. ENVTL. L.J. 373 (2007)

The Sine Qua Non *of Copyright*, 51 J. COPYRIGHT SOC'Y U.S.A. 763 (2004) (peer reviewed)

Phase Separation in Binary and Ternary Polymer Composites Studied with Electronic Excitation Transport (with M.D. Fayer), 32 MACROMOLECULES 6638 (1999) (peer reviewed)

Monte Carlo Simulations of Electronic Excitation Transfer in Polymer Composites: Comparison to Theory (with S. Matzinger and M.D. Fayer), 109 J. CHEMICAL PHYSICS 8708 (1998) (peer reviewed)

Fluorescent Probe Solubilization in the Head Group and Core Regions of Micelles: Fluorescence Lifetime and Orientational Relaxation Measurements (with S. Matzinger and M.D. Fayer), 102 J. PHYSICAL CHEMISTRY B 7216 (1998) (peer reviewed)

Polystyrene Size Determination in Polystyrene and Polyvinylmethylether Using Electronic Excitation Transport (with N.A. Diachun and M.D. Fayer), 102 J. PHYSICAL CHEMISTRY B 7112 (1998) (peer reviewed)

Electronic Excitation Transfer As a Probe of Phase Behavior in Polymer Composites (with L. Keller and M.D. Fayer), 2980 SPIE PROC.: ADVANCES IN FLUORESCENCE SENSING TECH. III 446 (1997) (peer reviewed)

Theory of Electronic Excitation Transfer in Polymer Micelles and Lamellae (with L. Keller and M.D. Fayer), 283 MOLECULAR CRYSTALS & LIQUID CRYSTALS 173 (1996) (peer reviewed)

Chromophore-Rich Nanodomains in Bulk and Ultra Thin Film Polymer Blends (with A.H. Marcus, T. Morkved, H. Jaeger, S.A. Rice, N.A. Diachun and M.D. Fayer), 283 MOLECULAR CRYSTALS & LIQUID CRYSTALS 31 (1996) (peer reviewed)

Nanodomain Formation and Phase Separation in Polymer Blends (with L. Keller, N.A. Diachun, A.H. Marcus and M.D. Fayer), 2705 SPIE PROC.: FLUORESCENCE IV 136 (1996) (peer reviewed)

Calculations of Electronic Excitation Transfer: Applications to Ordered Phases in Polymeric Materials (with L. Keller and M. D. Fayer), 100 J. PHYSICAL CHEMISTRY 10257 (1996) (peer reviewed)

Nanodomain Formation in a Liquid Polymer Blend: The Initial Stages of Phase Separation (with A.H. Marcus, N.A. Diachun and M. D. Fayer), 103 J. CHEMICAL PHYSICS 8189 (1995) (peer reviewed)

Dynamics in Polydimethylsiloxane: The Effect of Solute Polarity (with N.A. Diachun, A.H. Marcus and M. D. Fayer), 116 J. AM. CHEMICAL SOC'Y 1027 (1994) (peer reviewed)

Sequence of Lamprey Vitellogenin: Implications for the Lipovitellin Crystal Structure (with W. Sharrock, T.A. Rosenwasser, J. Gould, J. Knott, J.I. Gordon and L. Banaszak), 226 J. MOLECULAR BIOLOGY 903 (1992) (peer reviewed)

Effects of Melittin on Molecular Dynamics and Calcium-ATPase Activity in Sarcoplasmic Reticulum Membranes: Time-Resolved Optical Anisotropy (with J. Voss, W. Birmachu and D.D. Thomas), 30 BIOCHEMISTRY 7498 (1991) (peer reviewed)

Acknowledgments for contributions to research in 1 NATURE: STRUCTURAL BIOLOGY 195 (1994), 44 EVOLUTION 1164 (1990) and 53 J. PERSONALITY & SOC. PSYCHOL. 257 (1987)

WORKS IN PROGRESS

The Demand for Legal Education: Statistical Analyses of Long-Term Trends (report related to ___ J. LEGAL EDUC. ___ (forthcoming 2015) (peer reviewed) adapted for contribution to DEBORAH R. HENSLER *ET AL.*, RECONSTRUCTING BIG LAW)

The Future of the Legal Profession: Developments in the Market for Legal Services (book chapter for DEBORAH R. HENSLER *ET AL.*, RECONSTRUCTING BIG LAW)

Regulating Dual-Use Research: Balancing Biosecurity and Scientific Progress

SCIENCE IN THE LEGAL PROFESSION

SELECTED PRESENTATIONS

Of Bubbles, Booms and Busts: A Statistical Overview of Trends in the Marketplace for Corporate Legal Services, Stanford Law School Research Project on the Future of the Legal Profession (Mar. 2014)

Stanford Workshop in Formal Demography, invited participant, Institute for Research in the Social Sciences, Stanford University (Mar. 2014)

The Demand for Legal Education: Statistical Analysis of Longitudinal Trends, Stanford Law School Research Project on the Future of the Legal Profession (Oct. 2013)

Speaking Science To Law, UCSF/UC Hastings Consortium on Law, Science and Health Policy (Feb. 2013)

What Is a Lawyer?: A Reconstruction of the Lawyer As an Officer of the Court, International Legal Ethics Conference V (Jul. 2012)

Legal Education in Working with Science and Scientists, Law & Society Association 2012 International Conference (Jun. 2012)

What Is a Lawyer?: A Reconstruction of the Lawyer As an Officer of the Court, University of Nevada, Las Vegas William S. Boyd School of Law (Apr. 2012)

Law and Science: A Meeting of the Minds, Annual Meeting of the Law & Society Association (Jun. 2011)

Ethics in Translation Between Law and Science, Law & Society Association Early Career Workshop (competitive selection process) (May 2011)

What Is a Lawyer?: A Reconstruction of the Lawyer As an Officer of the Court, Santa Clara Law (Oct. 2010)

Maieutic Ethics of Representation: How Civil Procedure Comes to Life, Bay Area Civil Procedure Forum (Sept. 2009)

Speaking Science to Law, The 90th Annual Meeting of the American Association for the Advancement of Science, Pacific Division: Sustainability In An Evolving World (Aug. 2009)

Critical Race Studies 2009 Symposium: Race in Colorblind Spaces, invited participant, UCLA School of Law (Mar. 2009)

Maieusis Through a Gated Membrane: "Getting the Science Right" in Public Decisionmaking, University of Missouri-Columbia, School of Law (Nov. 2007)

The Gated Membrane: "Getting the Science Right" in Public Decisionmaking, The American Association for the Advancement of Science Annual Meeting: Science & Technology for Sustainable Well-Being (Feb. 2007)

Women and Socialization in Science, Oberlin College (Mar. 2000)

What Are the Social Responsibilities of Scientists?, inaugural lecture, U.S. Geological Survey Center for Science Policy (Oct. 1999)

Environmental Issues as Security Issues, Center for International Security and Cooperation, Freeman Spogli Institute for International Studies, Stanford University (Oct. 1999)

Report of the Science, Technology and Culture Working Group, as co-rapporteur, Student Pugwash USA 20th Anniversary Conference on Science and Social Responsibility in the New Millennium (Jun. 1999)

Women and Socialization in Science, Women Transforming the Public: An International Conference (Apr. 1999)

From Lab to Life: How Science Enters Society, Pomona College (Mar. 1999)

Making and Using Environmental Science: From Polymers to Policy, Colorado College (Mar. 1999)

MacArthur Consortium Symposium on the Challenges of Urban Sustainability, moderator (Feb. 1999)

Phase Separation in Binary and Ternary Polymer Composites: Studies with Electronic Excitation Transport, The Second Paul Flory Conference (Feb. 1999)

MacArthur Consortium on Peace and International Cooperation Workshop on Water and Conflict, panelist (Jan. 1999)

Theory, Simulations, and Experimental Investigations of Electronic Excitation Transfer in Polymer Composites, Gordon Research Conference on Polymer Physics (Aug. 1998)

Santa Fe Institute Workshop on the Evolution of Scientific Knowledge, invited participant (May 1998)

What Counts as a Model?, Santa Fe Institute (Mar. 1998)

Electronic Excitation Transfer: Application to Ordered Phases in Polymeric Materials, as session chair, Materials Chemistry: Challenges and Opportunities In Industry and Academe, Asilomar Conference (Jan. 1996)

TEACHING INTERESTS

Legal Ethics, Professional Responsibility

Civil Procedure (currently teaching), Evidence (currently teaching), Law & Science (currently teaching)

Intellectual Property Law Survey, Patent Law, Copyright Law, Trademark Law, Art Law

Environmental Law, Water Law, Energy Law, Ecosystem Management, Administrative Law

Empirical Legal Studies

Biosecurity

PROFESSIONAL SERVICE

Current

Stanford University: Freeman Spogli Institute for International Studies, Center for International Security and Cooperation, *Affiliate* (conducting research on ethical issues in interdisciplinary cooperation, science and security, and biosecurity)

JURIMETRICS: THE JOURNAL OF LAW, SCIENCE & TECHNOLOGY, *Peer Reviewer*

Law & Society Association, *International Research Collaborative on Legal Education*

Former

AALS, *New Law Professors Executive Committee*

International Legal Ethics V, *Planning Committee*

Stanford Law School: BioLaw & Health Policy Society, and Women of Stanford Law, *Speaker/Mentor (Interdisciplinary Paths in Academia)*

Stanford University: DERECHOS Latino Pre-Law Society, *Speaker/Mentor (The Intersections of Science and Law)*

University of San Francisco: *Institutional Review Board*; *Social Justice Committee*; *Academic Support Committee*; *Faculty Advisor (Women's Law Association); Faculty Advisor (Law Review)*

Cooley Godward LLP: Trademark Training Program, *Instructor (Internet Developments in Trademark Law)*

Shearman & Sterling LLP: World Intellectual Property Group, *Instructor (Legal Standards Governing Due Diligence in Initial Public Offerings)*

Stanford Law School: *East Palo Alto Community Law Project (Bilingual Interviewer, Spanish); Law Association (Mentor); Women of Stanford Law (Mentor); Stanford Latino Law Students Association*; *Environmental Law Society*; *Stanford Law and Technology Association*

Stanford Environmental Law Clinic, *Scientific Consultant*

U.S. Geological Survey: Integrated Science- & Community-Based Land Use Decisionmaking Center, *External Collaborator*

Stanford University: Student Pugwash, *Speaker/Mentor (Bioethics)*

Stanford University, *Biophysics Representative to Graduate Student Council*

Vassar College: Admissions Committee, *Regional Co-Chair*

PROFESSIONAL EXPERIENCE

CARR & FERRELL LLP, Palo Alto, CA, *Patent Attorney* (2006-2008)

COOLEY GODWARD LLP, Palo Alto, CA *Associate* (2003-2006); *Summer Associate* (2002)

SHEARMAN & STERLING LLP, Menlo Park, CA, *Summer Associate* (2001)

MCDERMOTT, WILL & EMERY LLP, Menlo Park, CA, *Summer Associate* (2001)

BAR ADMISSIONS & LANGUAGES

State Bar of California; United States Patent & Trademark Office

Spanish (fluent); French (reading knowledge)