

- FindATopDoc.com Profile
- Ran for San Mateo County Board of Education, District 4, Trustee
- **Two publications on artificial intelligence:**
- “Artificial Intelligence for Cytopathological Applications in Cancer: A Review of Accuracy and Analytic Validity”, European Journal of Medical Research, published 19 November 2024, 29, Article number: 553 (2024)
- “Machine Learning and Artificial Intelligence Predictive Models for Viral Genome-Human Proteome Interactions,” in press, Edited Collection “Viral Replication and Production” IntechOpen: London
- **Two Patent Pendings:**
- “Clinical Tier Grading System for Prognosis of Immune Checkpoint Inhibitor Efficacy and Clinical Status
- “Clinical Workflow for Treatment of the HR+/HER2- Locally Advanced and Metastatic Breast Cancer Molecular Subtype”
- [Scholar GPS Ranking](#)
- [Google Scholar Page](#)
- [ORCID ID: 0000-0002-2231-7282](#)
- <https://www.researchgate.net/profile/Priya-Hays>
- Member of Regulatory Affairs Professional Society (2022) completing training in regulatory writing for clinical trial submissions and protocols, medical devices and pharmaceuticals and regulatory compliance.
- Completed Big Data Executive Education Program at California State East Bay, with courses on data analytics, data processing, machine learning/artificial intelligence and big data solutions in July 2022.
- Freelance Medical Writer for over fifteen years with extensive academic publication record writing, editing and submitting peer-reviewed journal articles and publishing books on personalized medicine, precision oncology, pharmacogenomics, and genomic medicine and presenting abstracts, posters, and presentations at scientific and medical conferences adhering to publisher, journal and conference guidelines.
- Wrote a 745-page monograph on precision medicine, a medical book for physicians and scientists and patient advocacy to treat cancer and other diseases, entitled Advancing Healthcare Through Personalized Medicine, Second Edition, published by Springer Nature in September 2021.
- Served as Editor for Cancer Immunotherapies edited collection in the Cancer Treatment and Research series published by Springer Nature in March 2022.
- Completed three-year Postdoctoral Research Fellowship in Division of Hematology/Oncology, Department of Medicine, Dartmouth Medical School, Hanover, NH from 2005-2008.
- Doctorate in Literature with emphasis on Scientific Writing; Dissertation: *Molecular Biology in Narrative Form*.
- Professional & Experienced Technical Writer with sound experience in writing US-In Vitro Diagnostic (US-IVD), European Regulatory Mark (CE-IVD), and Research Use Only (RUO) Food and Drug Administration (FDA) regulatory submissions, label updates, package inserts, user manuals, and procedures for in vitro diagnostic suite of products, including assays and instruments for medical device companies.

- Earned Certificate in Technical Writing and Communication in 2019 with courses on developing documentation deliverables from project inception to implementation and writing user-friendly documents that meet audience needs.
- Cross-functional collaboration with Regulatory, Marketing, Clinical Affairs, Engineering, Virology, Oncology, Research and Development and Product Management under FDA and CE regulatory requirements.
- Generated innovative ideas for technical publication teams such as the implementation of structured authoring platforms for Cepheid and Adobe FrameMaker for Personalis.
- Wrote user manuals, product inserts and quick reference cards on Ion Torrent products using XML/DITA (extensive mark-up language/Darwin Information Typing Architecture). Wrote library prep user manuals for the Ion Proton and Ion Personal Genome Machine, products designed to sequence the human genome.
- Wrote regulatory compliance materials for vision management instruments using unstructured Adobe FrameMaker 2017, as well as became expert at unstructured Adobe FrameMaker to write documentation on time.
- Created GeneXpert Omni User Manual in XML (extensive mark-up language) for mobile device publication, as well as used Adobe FrameMaker, Photoshop and Illustrator as desktop publishing software.
- Used information from various subject matter experts ranging from Mechanical and Systems Engineering, Software Engineering, Electrical Engineering to Regulatory to write service manuals and updated product manuals for launches.
- Wrote Standard Operating Procedures (SOPs) surrounding technical publications processes, as well as solved document management issues that enabled launching on time.
- High degree of familiarity with quality systems and ISO (International Standards of Harmonization) standards.

EDUCATION

Brown University, School of Public Health	2027
Master's of Public Health	
University of California, San Diego, La Jolla, CA	2005
Doctor of Philosophy (Ph.D.) Literature	
University of California, Davis, Davis, CA	1999
Masters of Science in Genetics	
Dartmouth College, Hanover, NH	
Bachelor of Arts <i>cum laude</i>	
Double-major in Biochemistry and Comparative Literature	

CERTIFICATES

Society for Immunotherapy of Cancer	2025
Certificate, Cancer Immunotherapy	
Harvard Medical School, Boston, MA	2023
Certificate, Training to Teach in Medicine	
California State East Bay, Hayward, CA	2022
Certificate, Big Data	
University of California, Santa Cruz, CA	2019
Certificate, Technical Writing and Communication	
Immunology	2019
Molecular Diagnostics	2015

ELECTIONS

American Association of Cancer Research Member	2025
European Society of Medical Oncology Scientist	2024
American Association of Immunologists Regular Member	2023
Personalized Medicine Coalition Strategic Partner	2023
California State East Bay Continuing Education Big Data Program Advisory Council Member	2021
American College of Medical Genetics and Genomics Affiliate Member	2019
Society for Immunotherapy of Cancer Member	2019
American Society of Clinical Oncology Physician/Scientist	2018

PUBLICATIONS: Books

Personalized Medicine in Oncology: Precision Oncology and Transformative Technologies, Springer Nature, January 27, 2026.

A Dialectical Mind: Essays on Literary Studies, Science and Medicine, Eliva Press, October 30, 2023.

Cancer Immunotherapies: Solid Tumors and Hematological Malignancies, Ed. Priya Hays, Springer Nature, May 13, 2022.

Advancing Healthcare Through Personalized Medicine, Second Edition
Springer Nature, September 28, 2021.

Advancing Healthcare Through Personalized Medicine, CRC Press/Taylor & Francis, March 12, 2017.

Science, Cultural Values, and Ethics, Science in Society series, Common Ground Publishing, April 2013.

Molecular Biology in Narrative Form: A Study of the Experimental Trajectory of Science, Volume 64 in the Berkeley Insights in Linguistics and Semiotics Series, Peter Lang Publishing, October 2006.

PUBLICATIONS: Peer-Reviewed Articles/Abstracts

"The Integration of Artificial Intelligence in Personalized Medicine,"
Open Access Government United Kingdom, October 7, 2025

"The Moral and Ethical Implications in the Implementation of the Personalized Medicine Paradigm"
Medical Ethics - Navigating Complex Decisions in Contemporary Healthcare,
(London, United Kingdom: Intech Open) November 2025

- “Abstract A063: Artificial Intelligence in Cytopathology and Histopathology of Cancer: The Evolution to Precision Pathology
Clinical Cancer Research, 2025/07/10, Volume 31, Issue 13_Supplement, American Association for Cancer Research
- “Beyond BCL2 (B cell Lymphoma) and BTK (Bruton tyrosine kinase) Inhibitors: Novel Agents and Resistance Mechanisms for Chronic Lymphocytic Leukemia”
Discover Oncology, June 2025
- “Machine Learning and Artificial Intelligence Predictive Models for Viral Genome-Human Proteome Interactions”
Viral Replication and Production, (London, United Kingdom: Intech Open), September 2025
- “Artificial Intelligence for Cytopathological Applications in Cancer: A Review of Accuracy and Analytic Validity”
European Journal of Medical Research, published 19 November 2024, 29, Article number: 553 (2024).
- “Advances in Personalized Medicine: Personalized Neoantigen Vaccines and Immune Checkpoint Inhibitor Combination Treatments”
Journal of Biomedical Research and Environmental Sciences.
- “CAR-NK therapy approaches for targeting the immunosuppressive tumor microenvironment in solid tumors”
Medical Research Archives, official journal of European Society of Medicine, published 31 October 2024
- “Personalized Medicine in Oncology”
invited article, Open Access Government United Kingdom, April 2025
- “How and Why Personalized Medicine Transformed Healthcare”
invited e-book, Open Access Government United Kingdom, August 2024
- “Personalized Medicine Beyond Cancer: Impact on Other Disease”
invited article, Open Access Government United Kingdom, October 2024
- “Personalized Cancer Medicines”
invited article, Open Access Government United Kingdom, July 2024
- “Clinical Decision Making in Advanced and Metastatic Breast Cancer Cases between PARP Inhibitors and CDK4/6 Inhibitors: A Review”
Clinical Case Studies and Clinical Reports, July 2024
- “Personalized Medicine: “Tyranny of the Gene”
invited article, OpenAccessGovernment United Kingdom, January 2024
- “Harnessing the Viral Replication Cycle for Oncolytic Viral and Immunotherapy Combination Strategies”
Viral Replication Cycle: From Pathogenesis and Immune Response to Diagnosis and Therapy,
Eds. Henry Puerta-Guardo, Guadalupe Ayora Talavera and Laura Conde Ferraez, (London, United Kingdom: InTech Open), November 2023.
- “The emergence of precision medicine for oncology”
invited article, OpenAccessGovernment United Kingdom, July 2023

- “Real-time qPCR and Rapid Antigen Testing of COVID-19 Testing: A Review and Comparison of Analytical Validity”
Rapid Antigen Testing, ed. Laura Anfossi, (London, United Kingdom: InTech Open), July 2023
- “Immune Checkpoint Blockade Response and Resistance: Next Generation Therapies for Solid Tumors”,
 Frontiers in Immunology and Immunotherapy, May 2023
- “Communicating Clinical Trial and Genomic Data to Cancer Patients: Emerging Communicative Frameworks”
 SSRN Preprint 2022
- “Clinical Tier Grading of Cancer Stem Cells According to Clinical Characteristics for Immune Checkpoint Inhibitors Guided by mRNA stemness index”
 Medical Research Archives, official journal of European Society of Medicine, November 30, 2022
- 516 “Clinical Tier Grading of Cancer Stem Cells According to Clinical Characteristics for Immune Checkpoint Inhibitors Guided by mRNA stemness index”
 Journal of Immunotherapy of Cancer, 2022:10
 Regular and Young Investigator Award Abstracts
 Checkpoint Blockade Therapy
- “Evidence Basis for Pharmacogenetic Testing in Psychiatry”
 Journal of Medical Sciences and Health Research, Vol 5, Issue 3.
- “Clinical Development and Therapeutic Applications of Bispecific Antibodies for Hematological Malignancies”
Cancer Immunotherapies: Solid Tumors and Hematological Malignancies, Ed.
 Priya Hays, Springer Nature
- “Clinical Sequelae of the Novel Coronavirus: Does COVID-19 Infection Predispose Patients to Cancer?”
 Preventive Medicine, Epidemiology and Public Health, May 2021, Volume 2, Issue 2
- “Challenges for chimeric antigen receptor T cell therapies in the clinical setting: mechanisms of resistance in non-responders”
 Biomedical Journal of Scientific and Technical Research, February 2020
- “Clinical Care of CAR T-cell Patients and Managing immune-Related Adverse Effects in the Ambulatory and Hospitalized Setting: A Review”
 Deepak Asudani MD, MPH and Caitlin Costello MD
 Future Oncology, December 2019.
- “Review of Therapeutic Approaches for B-Cell Malignancies with Immune Checkpoint Blockade and Chimeric Antigen Receptor T-Cell Therapies: Development, Benefits, and Limitations”
 Journal of Clinical Investigation and Studies, 2019, Vol. 2, pp. 1-6.
- “Review of Therapeutic Approaches for B-Cell Malignancies with Immune Checkpoint Blockade and Chimeric Antigen Receptor T-Cell Therapies: Development, Benefits, and Limitations”
 Journal of Clinical Oncology, Volume 37, Number 15, May 26, 2019

“Personalized Medicine: Paradigm Shift or Revolution”

Genetics in Medicine, Official Journal of American College of Medical Genetics, November 2018 online issue.

“Contested Boundaries: How Scientists Deal with Uncertainty and Ambiguity in Language,” in *Language as a Scientific Tool: Shaping Scientific Language Across Time and National Tradition*; Edited by Miles MacLeod, Rocio G Sumillera, Jan Surman, and Ekaterina Smirnova, 2016, Routledge Studies in Cultural History, pp. 74-88.

“Epistemic Cross-Talk: Why we need—and should desire—interdisciplinarity,” *Interdisciplinary Literary Studies*, Vol. 15, No. 2 Fall 2013, pp. 221-239.

“Whence Social Determinants of Health? Effective Personalized Medicine and the 2010 Patient Protection and Affordable Care Act,” *Journal of Clinical Research and Bioethics*, 2012, S-5.

“Narratives of Science: Literary Theory and Discovery in Molecular Biology,” in C.C. Barfoot and Valeria Tinkler (eds.), *Restoring the Mystery to the Rainbow: Literature’s Reflections on Science*, *DQR Studies in Literature*, Vol. 78, pp.429-447.

“Bioeconomy and the Third Industrial Revolution in the Age of Synthetic Life,” with Michael A. Peters, PhD. *Contemporary Readings in Law and Social Justice* 2:2 (2010).

“Biocapitalism and the Politics of Life,” with Michael A. Peters, PhD. *Geopolitics, History and International Relations* 2:2 (2010).

“‘Nanoselves’: NBIC and the Culture of Convergence,” *Bulletin of Science, Technology and Society*, 30:2 (2010): 119-129.

“Reception Studies in France: Social Contexts, Reader Interpretation and the Role of Julia Kristeva,” *L’Esprit Créateur*, Special Issue on Reception Studies in France, 49:1 (2009): 111-124. Reprinted in *Contemporary Literary Criticism*. Ed. Jeffrey W. Hunter. Vol. 340. Detroit: Gale, 2013.

“The Legitimation of Local Knowledges: Introducing the Postmodern into Laboratory Science,” *Social Semiotics*, 18:4 (2008): 481-491.

“Making Science Accessible: A Semiotics of Scientific Communication,” with Christopher H. Lowrey, MD, *Biosemiotics*, 1 (2008): 253-269.

“Genomics, social formations and subjectivity,” in Paul Atkinson, Peter Glasner and Helen Greenslade (eds.) *New Genetics, New Identities*, London: Routledge Press (2007): 178-191.

“Targeting GATA-1 to binding sites in nuclear chromatin,” *Blood Cells, Molecules and Diseases*, 38(2007).

“Effect of Lead and Cadmium on Erythroid Differentiation in GATA-1 Dependent Gene Expression,” Blood Cells, Molecules and Diseases, 37(2006):164-172.

“A Dialogue on the Scientific Method: Assessing the Foucauldian Method and the Marxist Method,” Exit 9 The Rutgers Journal of Comparative Literature, VII (2005):15-28.

“Paradigm Shifts and New Worldviews: Kuhn, Laudan and Discovery in Molecular Biology,” Reconstruction: Online Cultural Studies Journal, 4(2004).

Invited Articles

“Of Dickens and Darwin,” TheScientist.com, (2007).

“Yin, meet yang,” Point of View, Dartmouth Medicine, (2007): 62.

CONFERENCES/PRESENTATIONS/INVITED TALKS

The Development, Efficacy and Safety Profiles of Bispecific Antibodies for Solid Tumors: Amivantamab for EGFR-mutant NSCLC and Tebentafusp for Uveal Melanoma “Immuno-Oncology Summit, August 12, 2025, From Clinic to Bench: Translating Clinical Success of Bispecific Antibodies into Discovery Insights

Artificial Intelligence in Cytopathology and Histopathology of Cancer: The Evolution to Precision Pathology”

Poster Presentation, American Association for Cancer Research Special Conference on Artificial Intelligence and Machine Learning, Montreal Canada, July 10-12, 2025

“The Transition from Targeted Therapies to Cancer Immunotherapies for Melanoma, Colorectal Cancer, Prostate Cancer and Renal Cell Carcinoma: Models for Therapy Development in Action”
Invited Speaker, 2025 Pharma Dx
San Francisco, CA February 24-26, 2025

“Clinical Decision Making for Breast Cancer Between PARP inhibitors and CDK 4/6 Inhibitors”
Invited Speaker, 2024 Global Conference on Pharmaceuticals and Drug Delivery
Rome, Italy September 19, 2024

“Bispecific Antibodies from Bench to Bedside”
Panel Moderator, 2023 Cambridge HealthTech PEP Talk
San Diego, CA January 20, 2023

“Bispecific Antibodies for Hematologic Malignancies: Clinical Development, Therapeutic Applications, and Recent Clinical Trials”
Invited Speaker, 2023 Cambridge HealthTech, PEP Talk
San Diego, CA, January 19-20, 2023

“Clinical Tier Grading of Cancer Stem Cells According to Clinical Characteristics for Immune Checkpoint Inhibitors Guided by mRNA stemness index”
Poster Presentation, 37th Society for Immunotherapy of Cancer Annual Meeting,
Boston, MA, November 8-12, 2022

“Spatial Transcriptomics Approaches to Characterizing Childhood Intellectual Disability,”
Poster Presentation, 2022 American College of Medical Genetics and Genomics

Annual Meeting,
Nashville, TN, March 22-26, 2022

“From Older Agents to Newer Generation Treatments: The Development of Targeted Therapies for Lung Cancer,”

Invited Speaker (industry expert) at Pharma R&D Conference,
San Francisco CA, February 22-23, 2022.

“Tumor Agnostic Models in Drug Development for Non-Small Cell Lung Cancer (NSCLC)”

Poster Presentation, 2021 Multidisciplinary Thoracic Cancers Symposium, American Society
Thoracic Radiation Oncology,
December 4-6, 2021

Featured speaker/presenter, Panel Discussant,

2nd Annual Medical Writing Innovation Strategies, Virtual Online session,
June 29-30, 2021.

Advancing Healthcare Through Personalized Medicine

Featured title at 6th Annual LocalLit Faire, Dr. Martin Luther King, Jr., Library, San Jose, CA,
December 16, 2018.

“Innovative Tools and Ingenious Systems: ELSI Learned from Writing my Book on Personalized Medicine”

2017 4th Annual ELSI Congress, Jackson Laboratories, Farmington, CT.

“Improving Medication Adherence by Adopting Minimalist Standards”

2016 Pharma and Device Packaging and Labeling Conference, San Mateo, CA.

“Usability Testing on the GeneXpert Bladder Cancer RUO Package Insert”

2016, Cepheid Corporation, Sunnyvale, CA.

“Contested Boundaries: How Scientists Deal with Uncertainty in Language.”

2010 Language as Scientific Tool Conference in Vienna, Austria.

“The Physician as Reader: Ethics and Interpretation in Medicine.”

2010 Society for Literature, Science and Arts Conference in Indianapolis, IN.

“Genomic Variation and Cancer: The Ethical Dimensions of Personalized Medicine.”

2010 Genetics and Ethics in the 21st Century Conference: Genomic Diversity and Health Disparities
in Denver, CO.

“Advancing Stem Cell Research Efforts for Social Benefit.”

2010 Stem Cell World Congress in San Francisco, CA.

“A Unique Ethnography of the Laboratory: Postmodernism, Science Studies and
Ethics.”

2009 International Conference on Science in Society at University of Cambridge, UK.

“The Iterative Process behind Nanoconvergence.”

2008 Society for Literature, Science and the Arts Conference in Charlotte, NC.

“The Paradox of Reading in a Democratic Society.”

2008 South Atlantic Modern Language Association Conference in Louisville, KY.

"Signs and the Generation of Scientific Knowledge in the Laboratory."
2008 Semiotic Society of America Conference in Houston, Texas.

"Scientific Practice in the Context of Literary Paradigms."
2007 Society for Philosophy of Science in Practice Conference at University of Twente,
Twente, Netherlands.

"Narrative Approaches to Science."
2007 International Conference on Narrative at Washington, D.C.

"Specificity Protein 1 Consensus Binding Sequences Flank Many Functional GATA-1
Binding Sites and are Sufficient to Allow GATA-1 Binding to a WGATAR sequence in Nuclear Chromatin."
2006 American Society of Hematology Convention in Orlando, Florida.

"Integrating Literary Theory and Biomedicine: New Conceptual Approaches."
Invited speaker for the 2006 Department of Philosophy Colloquium
University of California, Santa Cruz, co-sponsored by the History of Consciousness Department
and Feminist Studies.

"Modernist Science and Its Caveats"
Panel Organizer, 2006 Modernist Studies Association Conference in Tulsa, Oklahoma.

"Literary Tropes and Molecular Biology in the Postmodern Era."
Seminar Organizer, 2006 American Comparative Literature Association Conference at
Princeton University.

"Examining the Scientific Method: Science's Questionable Claims to Lucidity."
2004 Western Humanities Alliance Conference at the University of California, Santa Cruz.

"An Epistemological Justification for a Poststructuralist Reading of Science."
2004 Theorizing Methodologies Conference at the University of California, Los Angeles.

"The Effects of Genomics on Social Formations and Subjectivity."
2004 International Centre for the Economic and Social Aspects of Genomics
Conference at the Royal Society, London, England.

"Subverting Semiotics: The Humanist Tradition and Skepticism in the French and Italian Renaissance."
2004 French and Italian Graduate Student Conference at the University of Texas at
Austin.

"Kuhn, Laudan and Discovery in Molecular Biology."
2003 Society for Social Studies of Science (4S) Conference at Atlanta, GA.

"The Signifier as Discursive Practice: A Post-Structuralist's View of Science."
2002 Society for Social Studies of Science (4S) Conference at Milwaukee, WI.

"Translation through Post-Structuralism: A Semiotic and Discursive Analysis of
Science."
2002 Western Humanities Alliance Conference at the University of California, Irvine.

PROFESSIONAL EXPERIENCE

Hays Documentation Specialists, LLC Freelance Science Writer

April 2022-present

- Worked on several publishing projects and obtained an academic credential from Harvard Medical School Postgraduate Medical Education.
- Harvard Medical School: Attended two day-long three workshops at the beginning and end of the program, completed modules with training videos and quizzes, and worked intensively on a Capstone Project that consisted of an assignment for training a medical concept to healthcare providers (“Cancer Immunotherapies for Internal Medicine Attendings”) and also engaged in two extensive team-based projects, one on teaching genomic medicine and COVID-19 infection to medical trainees.
- Worked on an edited collection published by Springer Nature on Cancer Immunotherapies published for the Cancer Treatment and Research Series which has 15K downloads and 15 citations to date. <https://link.springer.com/book/10.1007/978-3-030-96376-7>
- Wrote and published three articles on immunology, cancer immunotherapy and COVID-19 testing in the journals *Medical Research Archives* (official journal of the European Society of Medicine), *Frontiers in Immunology and Immunotherapy* and a COVID-19 testing article that serves as a book chapter.
- Wrote invited 1000-word article *OpenAccess Government UK* on precision medicine’s impact on oncology published in July 2023.
- Wrote invited 1000-word article in *OpenAccess Government UK* on precision medicine and public health published in January 2024.
- Wrote invited 1000-word article in *OpenAccess Government UK* on personalized cancer medicines published July 2024.

Personalis, Menlo Park, CA Senior Technical Writer

April 2021-March 2022

- Formatted Standard Operating Procedures (SOPs) and Work Instructions for the Technology Transfer team in Process Development to deliver accurate and concise high-quality documentation for products and technology conducted research on including the NeXT Dx and NeXT Personal products that met required timelines (products designed to provide gene panels of mutations for cancers).
- Shadowed Laboratory Operators on various protocols supporting Personalis products.
- Submitted Change Orders on quality control documentation management system Compliance Quest.
- Shadowed laboratory procedures to update the Automated Library Preparation, FFPE (formalin fixed paraffin embedded) Extraction, and Automated Enrichment procedures for clarity and accuracy.
- Substantially revised and edited Pfizer Validation Report for acute myeloid leukemia (AML) samples and submitted on (Compliance Quest) CQ, quality documentation management system.
- Wrote and formatted SOPs and submitted files through Change Orders.

Abbott Corporation, Remote Senior Technical Writer

November 2020-March 2021

- Wrote medical device documentation using Author-it, desktop publishing software.

Talis Biomedical Corporation, Menlo Park, CA Senior Technical Writer

May 2019-October 2020

- Managed documentation team to deliver accurate and concise high-quality documentation that met required timelines.

- Developed documentation infrastructure for Talis using Adobe FrameMaker and Adobe Creative Cloud, desktop publishing software platforms.
- Worked with Assay Development, Quality, Regulatory and Engineering to enable well-organized reviews, assemble feedback and implement revisions.
- Set up document version control system with FDA compliance that led to a system of controlled versioning of and centralized system of storage for documents.
- Created Quick Reference Instructions, Package Inserts, and User Guides for Talis suite of products.
- Created Style Guides for the documents the documentation team prepared.

Applied Materials, Santa Clara, CA
Senior Technical Writer

May 2018-Sep 2018

- Acted as Project Lead for the Preventative Maintenance Service Agreement pilot study.
- Used Microsoft Excel to write Checklists and Procedures for Preventative Maintenance Sym3 Etch Semiconductor tools.
- Interfaced with subject matter experts such as Engineers and Project Management to verify accuracy and safety of checklists and Procedures.
- Involved in company-wide XML/DITA implementation from FrameMaker source documents.

Thermo Fisher Scientific, Fremont, CA
Senior Technical Writer

Jul 2017-Dec 2017

- Created, formatted, revised, edited and finalized Global Health Safety (GHS) Inserts, Instructions for Use, Standard Operating Procedures, Assay Specification Sheets, and Safety Data Sheets for Cascadion CE-IVD Product Launch in 2018 supporting clinical assays.

Kite Pharma, Santa Monica, CA
Medical/Regulatory Writer

Mar 2017-Jul 2017

- Edited, revised, and provided scientific content for manuscripts on chimeric antigen receptor (CAR) T-cell therapy and cancer immunotherapeutics and submitted to *Nature Medicine*.
- Created and wrote pre-clinical study reports from clinical research data.

Cepheid, Sunnyvale, CA
Senior Technical Writer

Dec 2014-Mar 2017

- Wrote US-IVD, CE-IVD, and RUO FDA regulatory submissions, label updates, package inserts, user manuals, and procedures for Cepheid suite of products and product launches for Technical Publications team with cross-functional collaboration with Regulatory, Marketing, Clinical Affairs, Engineering, Virology, Oncology, Research and Development and Product Management under FDA and CE (European Regulatory Mark) guidance using Adobe FrameMaker, InDesign, Photoshop and Illustrator.
- Project manager for Cepheid product launches on lifecycle documentation.
- Proofread, circulated, edited, assembled, and inspected product submissions.
- Wrote user manual for GeneXpert Dx Instrument Manual by transferring legacy content in Adobe FrameMaker into XML (XMetaL).
- Singlehandedly implemented XMetaL software suite for Technical Publications team to enable documentation publishing on phone for GeneXpert Omni product launch.
- Instrumental on the finalization of the urgently required Mycobacterium Tuberculosis (MTB) package insert after speedy FDA clearance.
- Produced Cepheid competitors' technologies market report for distribution to Global Marketing Franchise Leaders.

- Performed usability testing on pre-market Oncology assay and implementing usability studies on Cepheid molecular assays.
- Created GeneXpert Omni (instrument designed to diagnose infectious diseases at point-of-care) User Manual in extensive mark-up language (XML) for mobile device publication.
- Used Adobe FrameMaker, Photoshop and Illustrator as desktop publishing software.
- Used Agile to electronically manage documents.
- Received two Make It Happen performance commendations from Marketing and Technical Publications management for XMetaL team training.
- Received Commitment to Action award for performance on the Bladder Cancer CE-IVD product launch that required Photoshop to implement graphics.
- Training in Adobe Illustrator and Adobe Photoshop and applying learning to documentation projects.

Thermo Fisher Scientific, South San Francisco, CA
Senior Technical Writer

Jan 2014-Oct 2014

- Wrote user manuals, product inserts and quick reference cards on Ion Torrent products using XML/DITA (extensive mark-up language/Darwin Information Typing Architecture). Wrote library prep user manuals for the Ion Proton and Ion Personal Genome Machine, instruments designed to sequence the human genome.
- Wrote documentation using topic-based structured authoring.
- Used Agile to electronically manage documents.

Hospira, Inc, San Jose, CA
Senior Technical Writer

Jun 2013 - Sept 2013

- Developed technical service manuals for the latest medical device product launches.
- Used information from various subject matter experts ranging from Mechanical and Systems Engineering, Software Engineering, Electrical Engineering to Regulatory and updated product manuals for launches.
- Became expert at unstructured Adobe FrameMaker to write documentation on time.

Affymetrix, Inc, Santa Clara, CA
Senior Technical Writer

Aug 2012 - May 2013

- Began training in developing expertise in Adobe FrameMaker and InDesign.
- Acquainted with semiconductor technologies utilized in microarray manufacturing.
- Worked with Research and Development, Quality Assurance, and Marketing teams to write end-user documentation, reference cards and brochures for launches around OncoScan, Cytoscan Dx, Axiom 384 and Axiom Target Split products, designed to measure gene expression levels in cells.
- Wrote Standard Operating Procedures surrounding technical publications processes.
- Solved document management issues that enabled launching on time.
- Assisted with 510K FDA regulatory submission for Cytogenetics Division.
- Wrote technical documentation for Nexus for OncoScan software using InDesign.

Dartmouth Medical School, Department of Medicine
Postdoctoral Research Fellow

July 2005-July 2008

- Investigated chromatin structure and regulation of human beta-globin gene expression in a biomedical laboratory. Spoke at an oral session at the American Society of Hematology Convention (see Conferences section for title of presentation).

- Wrote two National Human Genome Research Institute-ELSI grants (“Critical Theory and the Human Genome Project”, unfunded).
- Conducted research on the mechanism of transcription factor binding in a molecular biology laboratory as part of an effective cross-functional team. I used chromatin immunoprecipitation assays to determine the binding activity of the transcription factor involved in hematopoiesis.
- Advanced my research on healthcare policy, literary theory, medical humanities, bioethics and science studies.
- Attended and led sessions at conferences on literary studies (American Comparative Literature Association; Modernist Studies Association) and published papers in journals on genetics and ethics (New Genetics/New Identities) (see Conferences and Publications section for titles).

SKILLS

- | | | |
|--|--|-----------------|
| • Clinical and scientific literature reviews | • Unstructured and structured Adobe FrameMaker | • Visio |
| • Topic Based authoring in DITA/XML using Minimalism | • Adobe Acrobat | • SnagIt |
| • CCMS | • Adobe Photoshop | • MS Paint |
| • XMetaL | • Adobe Illustrator | • MS Word |
| | • InDesign | • MS PowerPoint |

Proficiency in various immunology, molecular biology and biochemistry techniques: Cell/Tissue Culture, Transformations, Transfections, DNA/oligo quantification, Cloning, Subcloning, PCR, Gene amplification, DNA Sequencing, Gel electrophoresis, Plasmid DNA and Genomic DNA purification, DNA ligation and quantification, Chromatin Immunoprecipitation assays, qPCR, Southern blotting, Genotyping, Flow cytometry, Western blotting, Recombinase Mediated Cassette Exchange, ELISA, Chromatin Immunoprecipitation Sequencing, Site-directed Mutagenesis, DNase Assays, HPLC, siRNA techniques and High-throughput genome sequencing

CONTINUING EDUCATION CREDITS

- 14.0 AMA PRA Category 1 Credits™, Harvard Medical School Training to Teach in Medicine Program
- 32.25 AMA PRA Category 1 Credits™ 2023 Harvard Medical School, Innovations in Internal Medicine
- 15.00 AMA PRA Category 1 Credits™, Association of Northern California Oncologists, Multidisciplinary Tumor Board
- 47 American College of Medical Genetics and Genomics CME Credits
- 47 American Society for Clinical Laboratory Science (ASCLS) Professional Acknowledgment for Continuing Education (P.A.C.E.®) Credits
- PeerView CME Credits
- Navigating the Complexities of Biomarker Testing in the Expanding Field of Precision Immunology: Latest Evidence, Current Challenges, and Practical Guidance for Pathologists; September 9, 2020
- Perspectives on Innovative Treatment for B-Cell Malignancies: The Convergence of Precision Medicine with Groundbreaking Therapeutics; August 11, 2020
- How I Think, How I Treat: Understanding Innovation in Multiple Myeloma—New Models for Attacking Disease Across the Clinical Spectrum; July 1, 2020
- Patient Stories from the HCC CaseBook: Expert Guidance on Optimizing Outcomes and Care With Newly Available and Emerging Therapies; June 30, 2020

- Everything You Need to Know About Biomarkers, Immunotherapies, Combinations, and Other Emerging Approaches for Lung Cancer; June 25, 2020
- Transforming Modern Care in AML: Clinical Solutions with Novel Agents for Diverse Patient Populations; June 24, 2020
- Moving in Leaps and Bounds Towards Expanded Precision Treatment of HER2- or HER3-Driven Breast, Gastrointestinal, Lung and Other Cancers: Current Challenges, Opportunities for Improvement, and Practical Considerations; June 23, 2020

SOCIETY MEMBERSHIPS

- Modern Language Association
- Society for the Study of the Social Studies of Science
- Modernist Studies Association
- Society for the Study of Narrative Literature
- American Comparative Literature Association
- Society for the Philosophy of Science in Practice
- American Society of Hematology
- Semiotic Society of America
- South Atlantic Modern Language Association
- Society for Literature, Science and Arts
- American Society of Clinical Oncology
- Society for Immunotherapy of Cancer
- American College of Medical Genetics and Genomics
- Personalized Medicine Coalition
- Society of Hematology and Oncology
- American Association of Immunologists
- European Society of Medical Oncology

PEER REVIEWER

- npj Precision Oncology
- Annals of Medicine and Surgery
- Discover Oncology
- Cell Communication and Signaling
- Therapeutic Innovation & Regulatory Science
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