

Cheryl McCutchan, Ph.D.

Medical Writer

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EXPERIENCE

ANIMEDIA SCIENCE | 2002 – present

Medical Writer, Editor, and Illustrator, Animedia Science

Write medical and health-related materials, including manuscripts, articles for healthcare professionals, technical notes, slide decks, pharmaceutical sales and other internal training materials, eBooks, and advisory board executive summaries. Design and produce medical infographics. Create digital learning materials in the fields of genetics and biochemistry for higher education. Develop, design, create, and edit verbal and visual content for Macmillan Learning and other STEM publishers and NGOs.

NACSENT MEDICAL, LLC | 2020 – present

Medical Writer

Create CME and pharmaceutical sales training materials, including slide decks, assessments, and pharmaceutical sales training modules for oncology and rare diseases. Write advisory board executive summaries and news articles for topics in oncology.

VMLY&RX | 2021 – present

Medical Writer and UX Designer

Work with graphic designers, animators, and developers to create interactive learning modules, storyboards, scripts, and slide decks for medical communication and in-house pharmaceutical trainings focused on mechanisms of disease in atopic dermatitis and mechanisms of action of Janus kinase inhibitors.

YAMA GROUP | 2022 – present

Medical Writer

Write advisory board executive summaries, video scripts, and meeting reports for topics in oncology. Design interactive infographics and case studies for neurologic disorders.

VERSADO TRAINING | 2023 – present

Medical Writer

Write interactive learning modules and assessments in Articulate Rise for a rare disease, genetics, and immunogenicity used for in-house pharmaceutical training.

INSCIENCE COMMUNICATIONS—SPRINGER HEALTHCARE | 2021 – 2022

Medical Writer

Write advisory board executive summaries and update slide decks for topics in oncology.

GLOBAL OUTCOMES GROUP | 2020-2022

Medical Writer

Manuscript preparation for dry eye disease treatment.

BIOFLUENT COMMUNICATIONS | 2020 – 2022

Medical Writer and Illustrator

Write application notes, technical notes, and an eBook about genetic engineering and sequencing techniques, including single-cell sequencing, CRISPR and viral-vector gene editing, and bait-capture DNA purification. Created infographics on SARS-CoV-2 and gene editing techniques.

CODON LEARNING | 2019 – 2020

Instructional Designer and Content Developer

Designed, wrote, illustrated, and animated a prototype for an interactive, online genetic textbook that incorporated evidence-based teaching practices, including backward design and spaced, formative assessments. Collaborated with a cross-functional team in an Agile workflow.

MACMILLAN LEARNING | 2014 – 2021

Digital Content Developer

Designed, wrote, illustrated, and animated digital education materials for higher education science courses. Products included video tutorials, interactive storyboards, scripts, assessment questions, and learning objectives in the areas of genetics, biochemistry, and ecology.

INSTITUTE OF ECOSYSTEM STUDIES | 2000 – 2001

Postdoctoral Research Associate

Conducted research at the intersection of forest ecology and plant physiology. Studied the relationship between soil parameters, photosynthesis, and tree growth and survival in native northeastern tree species.

UNIVERSITY OF COLORADO | 1991 – 1999

Teaching Assistant

Taught laboratory sections of general biology, plant biology, plant anatomy, plant physiology, and plant morphology. Lab coordinator for plant biology, anatomy, and morphology. Guest lecturer in plant anatomy.

GRANBIO | 1989 – 1991

Research Assistant

Produced test kits for viral, infectious diseases using FDA-approved protocols. Maintained cell cultures, prepared test slides and kits, and fulfilled orders. Performed quality assurance on cell lines and test kits.

MOLECULAR BIOSYSTEMS | 1987 – 1989

Research Assistant

Synthesized and purified short lengths of custom DNA. Conjugated proteins to this custom DNA and purified the resulting conjugates. Duties were performed using FDA production standards.

EDUCATION

1999 UNIVERSITY OF COLORADO, BOULDER – PhD in Biology

1987 UNIVERSITY OF CALIFORNIA, RIVERSIDE – BS in Biochemistry and Environmental Science

SELECTED PROJECT-BASED WORK

Advisory Boards

Zolbetuximab for Gastric and GEJ Cancer

Tusamitamab Ravtansine in Non-Small Cell Lung Cancer

Maintenance Therapy With Azacitidine in Acute Myeloid Leukemia

Biotechnology

Technical Notes

In-depth Quantification of Cell and Gene Therapy DNA Integrations Enabled with Single-cell Sequencing

Deep Understanding of Cell and Gene Therapy Genome Editing Protocols Enabled With Single-cell Sequencing

Understanding How Cells Eat With Targeted CRISPR/Cas9 Screens

Independent Analyses of the Efficiency of Twist's SARS-CoV-2 Detection Solutions

Other media

Wastewater Surveillance for SARS-CoV-2 (*infographic*)

Single-cell sequencing 101: DNA and multi-omics for precision medicine, Chapter 3 Single-cell analysis of genome engineering (*eBook*)

Medical Education

Continuing Medical Education

Minimal Residual Disease Testing in Acute Lymphoblastic Leukemia

Impact and Management of Cancer-Related Anemia in Hematologic and Solid Tumors

Advances in the Clinical Management of Hereditary Angioedema

In-house Pharmaceutical Training Modules

Overview of the JADE Clinical Trials for Atopic Dermatitis

JADE EXTEND Clinical Trial Interim Data Results

Integrated Safety Analysis of the JADE Clinical Trials for Atopic Dermatitis
XOLAIR® (omalizumab): Diagnosis and Management of Chronic Idiopathic Urticaria
Introduction to Rheumatologic Diseases
Introduction to Ankylosing Spondylitis and Nonradiographic-Axial Spondyloarthritis
Anatomy and Physiology of Fabry Disease
Overview of Fabry Disease
Immunogenicity 101

HCP Education

Case Study in Post-stroke Spasticity. *Interactive learning module.*
Understanding the JAK-STAT Pathway in Atopic Dermatitis. *Conference video/interactive website.*
Mechanism of Action of Therapeutics for Multiple Sclerosis. *Interactive website.*

Published Articles

Peer-Reviewed Articles

Beckman K, Katz J, Majmudar PA, Rostov AT. KPI-121 0.25%: A novel mucus-penetrating treatment for dry eye disease flares. *touchREVIEWS in Ophthalmology.* 2021;15(2):58-62.
Dixon B and Sabus A. Ravulizumab 100 mg/mL formulation reduces infusion time and frequency, improving the patient and caregiver experience in the treatment of atypical haemolytic uraemic syndrome. *J Clin Pharm Ther.* 2022;47(7):1081-1087.

Other Articles

Immune Checkpoint Inhibitors in Non-small Cell Lung Cancer
Meta-analysis Shows Aloe Vera Products Reduce Fasting Blood Glucose in Prediabetes and HbA1c in Type 2 Diabetes

CONTINUING EDUCATION AND PROFESSIONAL DEVELOPMENT

Regulatory Affairs Professionals Society

Regulatory Affairs Certificate: Pharmaceuticals – *in-progress (4 of 9 courses complete)*
Role of the Regulatory Professional – *July 2022*
Pharmaceuticals: Definition and Lifecycle – *July 2022*
Introductory Medical Writing – *July 2022*
Intermediate Medical Writing: Pharmaceuticals and Biologics – *November 2022*
Global Regulatory Strategy for Pharmaceuticals – *in progress*
Intermediate Medical Writing: Investigational Applications – *in progress*

American Medical Writers Association

Regulatory Writing Overview: Roles, Documents, and Process – *July 2022*
Composing Narratives for Safety and Adverse Events Reporting – *November 2022*
How to Interpret and Write About Clinical Trial Data – *November 2022*
Understanding Sample Size and Power – *November 2022*

Coursera

Design and Interpretation of Clinical Trials – *June 2022*

PROFESSIONAL SOCIETIES

American Medical Writers Association
American Medical Writers Association-Rocky Mountain Chapter: **President, President-Elect, Treasurer and Communications Director**
Regulatory Affairs Professionals Society

SKILLS

Adobe Creative Suite
MS Office
Articulate Rise

Academic Publishing
Slack, Microsoft Teams
Virtual Meeting Software: Skype, Zoom, Google