

# CAROL A. JOHMANN, PH.D.

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## Contract Medical & Science Writer & Editor

More than fifteen years' experience as a medical writer in the pharmaceutical and healthcare fields plus a decade's experience as a journalist covering science and medicine for popular magazines.

## PHARMACEUTICAL CAREER HIGHLIGHTS (1989-Present)

### Contract Medical Writer/Consultant

- Provide full spectrum of writing services to pharmaceutical and healthcare industries
- Clients include Purdue Pharma, Bristol-Myers Squibb, Organon, University of Rochester Academic Services Consortium, Complete Healthcare Communications, Total Learning Concepts, Medical Network (HealthAtoZ.com), and National Women's Health Resource Center
- Projects include writing and/or editing literature reviews, manuscripts for professional journals, training manuals, product data brochures, SOPs, and articles for health websites
- Topics include the use of opioids in managing cancer pain, chronic pain management, asthma, Rheumatoid Arthritis, Crohn's Disease, Alzheimer's Disease, and alternative medicine

### Bristol-Myers Squibb Company

Pharmaceutical Research Institute, Wallingford, CT

#### **Manager, Worldwide Medical Development (2/90-12/92)**

- Administered and served as liaison for six US and eight overseas departments in international R&D division under senior vice president; worked closely with department vice presidents to compile annual strategic plans and budgets for each; recruited and supervised staff of three
- Chaired task force subcommittee that developed a new clinical planning process to streamline and coordinate global drug development and registration
- Orchestrated the training program that introduced the new process to more than 500 employees worldwide; prepared the manual, created the slide presentation, and trained the trainers
- Generated and carried out procedures to set up four European regional offices and integrate them administratively after merger
- Facilitated GCP compliance in European departments
- Helped pinpoint and satisfy computer and telecommunication needs in Europe
- Served as Executive Secretary of European Senior Staff Committee

#### **Coordinator, Clinical Development (8/89-2/90)**

- Prepared clinical summaries and slide presentations for vice president
- Helped coordinate start-up of clinical trials for an AIDS drug in US and Europe
- Reviewed protocols and wrote background material for clinical trial personnel

#### **Senior Medical Writer, Clinical Services (1/89-8/89)**

- Wrote final clinical study reports and designed data tables for a cephalosporin NDA

## JOURNALISM CAREER HIGHLIGHTS (1977-1988)

### **Staff Reporter, TIME**

- Managed the Science/Medicine/Space/Environment cluster
- Cover stories included AIDS, immune system, viruses, Challenger, Chernobyl, coastal erosion

### **Staff Reporter, DISCOVER**

- Specialized in medical research, genetic engineering, and technology
- Supplied photographs for own stories

### **Freelance Science/Medical Writer**

- Wrote features for *OMNI*, *Discover*, *American Health*, and *Science Digest*
- Revised elementary and secondary science textbooks, including teacher's edition

## CHILDREN'S WRITING HIGHLIGHTS (1996-Present)

### Director, Rochester Children's Book Festival (2003-2008)

- Selected and invited authors and illustrators
- Directed fund raising, developed budget, and monitored expenses
- Wrote press releases, designed 24-page program book, and created promotional materials
- Designed and maintained website

### Children's Non-Fiction Author

Publisher: A Kaleidoscope Kids!® Book, Williamson Books, Ideals

- *The Lewis & Clark Expedition: Join the Corps of Discovery to Explore Uncharted Territory*
  - Awarded the 2003 Parents' Choice Silver Honor Award
  - Named 2003 Best Book (Social Studies K-12), Society of School Librarians International
- *The Lewis & Clark Expedition Teacher's Guide*
- *Skyscrapers! Superstructures to Design & Build*
- *Going West! Journey on a Wagon Train to Settle a Frontier Town\**
  - Awarded the Benjamin Franklin Silver Award
- *Bridges! Amazing Structures to Design, Build & Test\**
  - Received starred review from the School Library Journal
  - Named a 2000 Parents' Choice Recommended Book

Publisher: Learning Works, Creative Teaching Press

- *Science Works: Simple Science Projects to Teach Complex Concepts\**
- *Gobble Up Science: Fun Activities to Complete and Eat\**
- *Gobble Up Nature: Fun Activities to Complete and Eat\**

\*denotes books co-authored with Elizabeth Rieth

## TEACHING & RESEARCH EXPERIENCE

**Presenter** of hands-on science activities at schools, libraries, and museums (since 1993)

**Instructor** for the Bridgeport (CT) Public Library Summer Science Program (1988-1989)

**Guest instructor** on writing and journalism at Yale University (Spring 1989)

**American Cancer Society Postdoctoral Fellow**, The Rockefeller University (1976-1977)

- Chromosome condensation during metaphase in tissue culture cells

**NIH Predoctoral Trainee**, Biology, University of Rochester (1972-1976)

- Characterized the macro- and micronuclear histones of a ciliated protozoan
- Published results in *Biochemistry*, *Journal of Cell Biology*, and *Archives of Biochemistry and Biophysics*
- Presented results at the Gordon Research Conference (1975) and the International Congress on Cell Biology (1976)
- Held teaching assistantships in Immunology, Molecular Genetics, and Developmental Biology

**USPHS Predoctoral Fellow**, Molecular Biophysics, Yale University (1971-1972)

**Summer Research Intern**, Woods Hole Marine Biological Laboratory (1973)

## EDUCATION

**Ph.D.** Cell Biology, University of Rochester (1976)

**M.S.** Cell Biology, University of Rochester (1975), with credit from Yale

**B.A.** Biology, University of Rochester (1971), High Honors, Phi Beta Kappa