

*Stephen X. Arthur, B.Sc., M.F.A., M.Sc.

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Consulting Technical Editor



- Experienced with most types of editing of manuscripts for scientific biomedical research journals, research grant proposals, and engineering reports (types: coordination, integrity, format, mechanical style, language, substantive, and developmental/structural edits)
- Ensures that proposals are impactful, scientifically sound, meet all criteria, and support the funder's mission statements
- On the leading edge of writing and editing National Institutes of Health research proposals according to their new short form
- Draws on a long history of professional authorship in many genres
- Achieved an analytical score in the 95th percentile on the Graduate Record Exam
- Extraordinary editorial functions have included researching references, integrating changes by multiple authors, verifying accuracy, handling incremental input and off-site authors, correcting mathematical symbols, collecting information for author decision-making, training authors on effective writing, combining manuscripts, and reducing text to fit proposal size limits by careful pruning of redundant words and content.

Technical Editing Contracts

AeroStrategies Limited (Vancouver)

Stephen stepped up to the challenge of formulating and editing a large technical report for an aerospace client. His work was accurate, timely, and very professional. The end product was rated as very good.—Ken Goosen, President.
January–May 2013

McGill University Health Centre - Research Institute (Montreal) Performed substantive authors' editing, and created a sequence of cellular illustrations, for a journal review article on subcellular injuries in Alzheimer's disease co-authored by Vassilios Papadopoulos, DPharm, PhD, Professor, Dept of Medicine; Canada Research Chair in Biochemical Pharmacology; Executive Director of MUHC Research Institute. March 2012

New York University – Bluestone Center for Clinical Research and the Translational Cancer Pain Laboratory • University of California, San Francisco – Faculty of Medicine

Edited, wrote, and developed a wide variety of biomedical research report manuscripts for peer-reviewed journals, topical review articles, illustrations of hypothesized cell-signaling mechanisms (design to finish), and NIH R01 research grant proposals. Focus was on endogenous molecular mediators of cancer pain, epigenetics, genomic and signaling pathways, regulation of receptor expression, surgical and molecular interventions, behavioral animal models, and pre-clinical and clinical translational research for development of novel analgesic drugs. *Stephen has done a masterful job. Consider me thoroughly impressed.* —

Brian Schmidt, MD, PhD, Director, Bluestone Center.
February 2010 to May 2012

NaiKun Offshore Wind Energy (Vancouver)

Performed copyediting and re-formatting, including presentation of tables and figures, for submission of a large set of environmental-assessment reports. Followed guidelines established by Duncan Kent & Associates. *Stephen got up to speed and fit in really quickly. I wouldn't hesitate to recommend working with him on future projects.* — Michelle Shute, Senior Technical Writer, DKA.
February 2009

BC Transmission Corporation

Performed substantive editing of BCTC's 2008 *State of the Transmission System Report* for submission to the Utilities Commission, accurately judging which information pertained to how the current state of the system matched BCTC's strategies for growth. June 2008

Technical Writing Contracts

Rancho Los Amigos National Rehabilitation Center

(Los Angeles) Currently developing and writing research grant proposals, research report manuscripts, fact sheets, and grant proposals for quality-of-life programs for spinal cord injury. Rancho is one of the largest comprehensive medical centers, ranked by U.S. News & World Report as one of America's "Best Hospitals" for rehabilitation in 2012–2013. Rancho is associated with the University of Southern California Keck School of Medicine—working for neurologist Mindy Aisen, Chief Medical Officer and Principal

Investigator at the Spinal Cord Injury Model System, and cardiologist Yaga Szlachcic, Chair of the Department of Medicine. *I have been impressed with Stephen's abilities to comprehend and express complex scientific findings. He is meticulous and detail oriented. He has initiative and drive to help you succeed. I highly, highly recommend Stephen for any scientific writing.* — Yaga Szlachcic. Sept. 2012 to present

BC Cancer Agency Research Centre (Vancouver)
Wrote a confidential proposal on cancer genomics for Dr. Samuel Abraham, VP Research. March 2012

Impact BC—Practice Support Program, an alliance between BC Ministry of Health Services, the BCMA, and the regional health authorities (Vancouver)
Originated a series of training guides to help BC family physicians be proactive in managing care for patients with chronic ailments. A preliminary survey showed a positive impact on both patient care and physician satisfaction. *Stephen has the ability to assess the needs of various target audiences, grasp technical information quickly, and produce user-friendly materials that are technically accurate and easy to read. He is very reliable, flexible, and meets deadlines. It's been a pleasure to work with him.* — Jaye Routledge, Director, Impact BC 2006–2008

Iwasan Consulting SR&ED (Vancouver)
Deciphered oral reports to create effective Detailed Project Descriptions to obtain Scientific Research and Experimental Development Tax Credits for various businesses. 2006

ImageMaker: New Media for the Resource Sector (Vancouver) Consulted with mining company executives to effectively portray the right story to investors in mining exploration. 2005–2007

Greater Vancouver Regional District
Wrote brochures introducing the *Drinking Water Management Plan*, a roadmap to effective water access to mid-century. Most municipalities within Greater Vancouver are following this plan. 2004

National Film Board of Canada (Vancouver)
Developed a scientific-visualization project on historical geology for schools—\$80,000 development budget. Researched the subject matter in depth, wrote scripts, and conducted market research. *Stephen was a catalyst for consensus building and teamwork between creative and technical contributors, delivering results ahead of schedule.* — George Johnson, Producer, NFB. 1998-2000

B.C. Hydro • BC Mineral, Oil and Gas Revenue Branch • BC Transmission Corporation • IMT Image & Microscope Technology • CHC Helicopter Global Operations • McDonald Dettwiler and Associates • Glenayre Electronics • Richmond Fire-Rescue • Hughes Canada Systems Division • Spectrum Signal Processing • B.C. Ministry of

Forests • E-Comm 9-1-1 (Vancouver)
Wrote many user guides, training manuals, and proposals for a wide range of products, services, practices, and processes. 1984–2008

Other Writing and Media

Corporate documentaries and training videos for various clients, including BC Cancer Agency and BC Children's Hospital (Vancouver)
Consulting Video Script Writer. 1985-1995

Science World BC (Vancouver)
Collected, interpreted, and summarized stories for *That Day in Science*, an interactive kiosk on the history of science. 1993

B.C. Medical Association (Vancouver)
Wrote a press release, *World's Deadliest Poison Used for Revolutionary Therapies*, for Dr. Jean Carruthers.

Science textbook (*From Above the Web*)
Commissioned to write, with co-author Lorne Whitehead (recently Vice President Academic at UBC), a 400-page college-level general science textbook based on visual flowcharts that show the logical and historical relationships between major concepts. Covered sub-atomic physics, chemistry, and biology. Unpublished. Federal grant.

Graduate research in neuroscience
Wrote basic research papers for journal publication and many scientific literature-review papers. 1988-1991

Arts grants
Developed and wrote successful film-production grants totaling over \$215,000.

Screenwriter
Authored six original, feature-length, commercial screenplays. Three options to produce were sold to producers in Los Angeles. unproduced

National Film Board of Canada • Canada Council for the Arts
Commissioned Media Artist, Proposal Writer, and Project Manager. Budgets ranged from \$55,000 to \$70,000. 1996-1998, 2000-2004

Education

Master of Science (physiology/neuroscience)
University of British Columbia, Vancouver

Master of Fine Arts (film production/screenwriting)
University of Southern California, Los Angeles

Bachelor of Science (zoology)
University of British Columbia, Vancouver