

# Z R Anguelov, MD, MA

207 Golfview Avenue, Iowa City, IA 52246 ~ 319.351.8778; 319.384.3464; 319.621.4134 ~ zanguelov@mchsi.com

**Expertise:** Non-fiction Writer, Medical Writer, Editor, Educator, Medical Sociologist, Physician

## Experience:

### Writing

**Associate Editor and Writer, International Writing Program, U of Iowa** Sept 2009-present

- Content provider for the *Writing in Iowa* subsection of the web project **Iowa Writing University**
- Research and write biographical profiles of writers who have studied and/or taught at the various U of Iowa writing programs
- Write essays and short stories in Bulgarian

**Associate Editor, Carver College of Medicine, U of Iowa** Sept 2006-August 2009

- Managed production of *UI Consult* newsletter, NFA, and other ad hoc material to physicians
- Investigated Lean implementation and published results in scholarly journals

**Freelance Medical Writer, Z R Anguelov, Iowa City, IA** 2004–2010

- Author CME and web-instruction programs for pharmaceutical and health education industries
- Author textbooks, articles for peer-reviewed medical journals, and promotional/educational material
- Specialization areas: immunology, infectious diseases, endocrinology, contraception, HIV/AIDS, epilepsy, influenza, prostate diseases, rheumatoid arthritis, mental disorders, diabetes
- Pharmacologic agents: Atazanavir, Avandia, Humira, Implanon, Levaquin, Paxil, Topamax
- Clients: Medsn, VitesseLearning, Life Extension Foundation
  - For Organon, Bristol Myers Squibb, Abbott Immunology, Ortho-McNeil, GlaxoSmithKlein

**Editor/Senior Writer, University of Iowa Hospitals and Clinics, Iowa City, IA** 1999–2005

- Founder of **Currents: Physician-to-Physician Clinical Resource**, a quarterly journal for physicians offering CME credits
- Developed *Currents'* education-oriented content and design concepts – launched as a marketing tool
- Planned the contents, wrote for, edited, and managed production of each issue of *Currents*
- Put together the CME quizzes in each issue of *Currents* and graded the answers
- Planned, devised, and carried out readership surveys
- Wrote grant proposals

**Pharmaceutical Copywriter, LBJ\*FRB Communications, Montreal, Canada** 1996–1999

- Created concepts and wrote copy for drug promotion, survey reports, marketing analyses, educational brochures, and slide kits
- Wrote summaries of clinical trials for Rx drugs
- Specialization areas: HIV/AIDS, oncology, CNS disorders, hematology, MRI
- Pharmacologic agents:
  - Fludara, Lamictal, Betaseron, and LMWHs (wrote copy for their Canadian marketing campaigns)
  - Zolof, HAART treatments of HIV (3TC, Combivir, Retrovir, Viramune, etc.), Lozide
- MRI contrast medium: Magnevist
- Clients: Berlex, Glaxo Wellcome, BioChem Pharma, Hoechst Marion Roussel, Servier, Rhône-Poulenc Rorer, Boehringer Ingelheim, Merck, Novartis

### Teaching

**Instructor A&P/Microbiology, Kirkwood Community College, Cedar Rapids, IA** 2005–2007

- Courses: Anatomy & Physiology (one 3-hour lecture and one 2-hour cadaver/physiology lab); Microbiology (two 2-hour lectures and two 3-hour labs); Basic Biological Concepts (two 2-hour lectures); Human Biology (three 1-hour lectures)

**Adjunct Instructor Biology, Kirkwood Community College, Cedar Rapids, IA** 2004–2005

- Courses: Human Biology and Microbiology

**Teaching/Research Assistant, McGill University, Montreal, Canada** 1993–1996

- Taught the sociology of health, illness, and the medical profession
- Research: the institutional structuring and management of bio-imaging technologies in the Brain Imaging Center at the Montreal Neurological Hospital.
- MA thesis: Positron Emission Tomography in the Montreal Neurological Institute and Montreal Neurological Hospital. A case study of a frontier technology. Published in *Theoretical Medicine and Bioethics* (see below in Selected Publications)
- Assisted in three research projects on the sociology of biomedical knowledge

**Associate Professor, Anatomy&Histology, Medical Academy, Varna, Bulgaria** 1974–1982

- Courses: anatomy, histology, cytology, and embryology for medical students
- Research: reproductive and immune cell biology using immunochemistry and electron microscopy
- Freelance medical journalist and writer

- Journalistic** **Reporter for the newspaper of the Bulgarian Medical Union** 1986–1989
- Medical, health care, and health policy reporting
  - CME, health columnist
- Stringer for *The Financial Times* of London from Bulgaria** 1989–1992
- Reported on post-communist economic and social development
- Books** **Author of *Biology: Manual for High-School Teachers***, NP publisher, Sofia, Bulgaria: 1988
- Author of *Communism and the Remorse of an Innocent Victimizer***, a memoir (written in English). Texas A&M University Press, College Station, TX: May 2002; and its *Bulgarian translation*. Ango Boyanov (aB) Publishing House, Sofia, Bulgaria: September 2002
- Medical** **General Practitioner, District Hospital, Sofia, Bulgaria** 1983–1986
- Licensed physician
  - Practiced emergency medicine and family medicine
- Education & Training** **Medical Doctor**, Medical Academy, Varna, Bulgaria (1972)
- Specialist, Anatomy and Histology**, Medical Academy, Sofia, Bulgaria (1977)
- MA, Medical Sociology**, McGill University, Montreal, Canada (1995)
- ABD, PhD program**: McGill University, Montreal, Canada (1996)
- Skills** Languages: fluent in English, Bulgarian, French, Russian, and German
- Editorial: AMA style; journal formatting; journal design and production management
- Awards** **Award of Distinction for *Currents***, AAMC/GIA, 31<sup>st</sup> Annual Awards of Excellence: Periodicals; 2001
- Award of Distinction for *Currents***, *The Communicator*; 2001
- Award for Excellence in Medical Education Public Affairs**, AAMC/GIA, 32<sup>nd</sup> Annual Awards of Excellence: Publications—External Audience; 2002
- APEX Award for Publication Excellence for *Currents***; 2003

#### Selected Publications

- In peer-reviewed journals** Dickson E, Anguelov Z, Eller A, et al. Lean in the Emergency Department: A Case Series of Four Hospitals, *Ann Emerg Med*, 2009;**54**(4):504-10.
- Dickson E, Anguelov Z, Bott P, et al. Sustainable Improvement of Care Quality in a University Hospital-Based Emergency Department Using Lean. *International Journal of Six Sigma and Competitive Advantage*. 2008;**4**:289-304.
- Quantitative anatomy: power beyond the images. *Theor Med Bioethics* 1999;**20**:501-516
- Issues in Contemporary International Health and Health and Social Change in International Perspective. Book reviews. *Transcultural Psychiatry* 1998;**35**:545-547
- Upper respiratory tract epithelial cells as a component of local immunity against influenza. *Antiviral Res* 1982;**2**:115-121
- CME** Finding our way in the gene regulating molecular maze of the cell. *Currents*, 2004;**5**(4)
- They lurk around the corner: emerging infections. *Currents*, 2004;**5**(1)
- Aiming at molecules: diagnosis and treatment for neuroendocrine tumors in children and adults target common receptor. *Currents*, 2003; **4**(4)
- Healthier, hands-on gaze through the keyhole: robotic surgery. *Currents*, 2003;**4**(2)
- Scoring a bull's eye: monoclonal antibodies in the treatment of lymphoma. *Currents*, 2002;**3**(4)
- Piecing together the genetic puzzle of ovarian cancer. *Currents*, 2002;**3**(3)
- Current dilemma in hepatology: to treat or not to treat all patients with hepatitis C virus infection. *Currents*, 2002;**3**(3)
- Light at the end of the tunnel: safer strategies and diversified indications for allogeneic stem cell transplantation. *Currents*, 2002;**3**(1)
- Hunting for pluripotent stem cells in the adult body. *Currents*, 2002;**3**(1)
- Imaging and endovascular interventions in the management of peripheral vascular disease. *Currents*, 2001;**2**(4)
- Seeing function: CT-based concurrent quantification of pulmonary structure and function. A bioengineering research partnership. *Currents*, 2001;**2**(4)
- The decline of the autopsy. *Currents*, 2001;**2**(3)
- Electro-mapping the heart in adults and children. *Currents*, 2001;**2**(2)
- The secret life of the human papilloma virus (HPV). *Currents*, 2001;**2**(2)
- Cytoskeleton proteins as markers for an enhanced metastatic potential: new possibilities in cancer management. *Currents*, 2000;**1**(3)
- Surgical therapy for skin carcinoma. *Currents*, 2000;**1**(1)
- Deep brain stimulation for Parkinson's disease. *Currents*, 2000;**1**(1)
- Book chapters** for *Disease Prevention and Treatment*. 5th Edition, Life Extension Media: upcoming.
- Influenza. Currently at [www.lef.org/protocols/infections/influenza\\_01.htm](http://www.lef.org/protocols/infections/influenza_01.htm)
  - HIV/AIDS. Currently at [www.lef.org/protocols/infections/hiv\\_aids\\_01.htm](http://www.lef.org/protocols/infections/hiv_aids_01.htm)
  - Prostate Enlargement (Benign Prostatic Hyperplasia)
- Books** *Communism and the Remorse of an Innocent Victimizer*, a memoir (written in English). Texas A&M University Press, College Station, TX: May 2002;
- Biology: Manual for High-School Teachers*, Narodna Prosveta publisher, Sofia, Bulgaria: 1988