INESSASTANISHEVSKAYA

BIOMEDICAL VISUALIZATION SPECIALIST

http://inessaskaya.com
info@inessaskaya.com

Translating complex scientific and medical concepts into compelling visuals through field-specific expertise and a deep understanding of project purpose and audience.

EXPERIENCE

2013 Sept - present — **Jr Medical Animator at INVIVO Communications, Toronto, ON, Canada**
Responsibilities include research, storyboarding, concept development, 3D animation, and compositing.

2012 Oct - 2013 July — **IMM Press Magazine Cover Designer**
Worked as the cover designer for the U of Toronto Department of Immunology's student-led quarterly magazine, IMM Press. Other responsibilities included infographics design and layout consultation.

2012 Sept - 2013 Nov — **BMCAA Representative**
Student rep in the Biomedical Communications Alumni Association. Responsibilities included liaising between the BMCAA and the MScBMC program at the U of Toronto, contributing to the BMCAA newsletter, and planning activities.

2012 Mar - 2013 July — **Institute of Medical Science Magazine Design Editor**
Worked in a group of BMC illustrators to design layouts and graphics for the Institute of Medical Science's quarterly magazine at the U of Toronto. Collaborated with the rest of the staff to publish it in print and online.

2012 May - Nov — **Toronto Notes Illustration Editor**
Acted as a liaison between the BMC students and the Toronto Notes team, which publishes an online, comprehensive textbook written by U of Toronto medical students and faculty for 3rd and 4th year medical students. Responsibilities included contract negotiation, determination of image content, and relations management.

2012 May - July — **Toronto Notes Medical Illustrator**
Produced a number of new and revised medical illustrations for the 2013 edition of the Toronto Notes textbook.

EDUCATION

2011- 2013 — **M.Sc. Biomedical Communications (MScBMC)**
Institute of Medical Science, Faculty of Medicine, University of Toronto, Toronto, ON, Canada

2010 - 2011 — **Biomedical Engineering (Ph.D. program, withdrawn in order to apply to MScBMC)**
Department of Biomedical Engineering, College of Engineering, University of Michigan, Ann Arbor, MI, USA

2006 - 2010 — **B.Sc. Cum Laude Biomedical Engineering**
Department of Biomedical Engineering, School of Engineering, Rensselaer Polytechnic Institute, Troy, NY, USA

SKILLS*

Illustration & Design
Digital: Adobe Photoshop/Illustrator/After Effects/Premiere/ Soundbooth/InDesign CC 2015
Traditional: graphite/carbon dust/pen & ink

3D
Autodesk Maya/Mudbox 2015, Maxon Cinema 4D R13

Web & Other
Adobe Dreamweaver CC 2015
Microsoft Office Word/Powerpoint/Excel
*Comfortable with both Mac and PC environments
*Fluent in English and Russian

AWARDS

2013 — **Wendy M. Kates Memorial Award from MScBMC program at the University of Toronto** For academic achievement in my MScBMC Master's Research Project: *Vasculature-Guided Neuronal Migration in the Postnatal Brain: A 3D visualization from basic understanding to therapeutic potential.*

2013 — **Special Recognition Poster Award at the Vesalius Trust Student Poster Symposium at the Association of Medical Illustrators Conference 2013** For the poster based on my Master's Research Project, presented in Salt Lake City, Utah.

2013 — **Artery Studios Award** Award for excellence in the visualization of demonstrative evidence.

2013 — **Vesalian Scholar Research Scholarship from the Vesalius Trust for Visual Communication in the Health Sciences**
Award for meritorious research project thesis for students enrolled in accredited medical illustration programs.

2012 — **Natural Sciences and Engineering Research Council of Canada (NSERC) CREATE Training Program in Biophotonics Scholarship, Neurophotonics Centre, Université Laval** Funding award for my Master's Research Project.

2010 **University of Michigan Rackham Engineering Award** Merit-based award for incoming engineering doctoral students for five-year funding that includes tuition and stipend.

2010 **University of Michigan Biomedical Engineering Chair's Fellowship** One-time merit-based award for incoming engineering graduate students.

2009 **Tau Beta Pi Engineering Honor Society Inductee** Honor society for students of distinguished scholarship and character as undergraduates in the field of engineering. Presented at the Tau Beta Pi Induction Ceremony at Rensselaer Polytechnic Institute, New York.

2007 **1st Place Winner of University of Alabama at Birmingham's Research Experience for Undergraduates Poster Symposium in Physical Sciences** For the poster based on my research project, *Electrospinning of novel poly(ester urethane urea)/polydioxanone blends for vascular graft applications.*

R 2006 - 2010 **Dean's List at Rensselaer Polytechnic Institute** ecognition for maintaining a G A of 3.0 or highe

2006 **Rensselaer Polytechnic Institute Leadership Award** Merit-based award for four years.

2006 **Emily Roebling Scholarship** Merit-based award for exceptional female engineering students for four years at Rensselaer Polytechnic Institute, New York.

2006 **Robert C. Byrd Honors Scholarship** Merit-based award for high school seniors who show promise of continued excellence in postsecondary education.

2006 **Chelsea High School Valedictorian** Recognition for being the highest academically ranked student in the graduating class at Chelsea High School, Chelsea, Alabama.

EXHIBITIONS

2012 **Juried Exhibition at the University of Toronto Art Centre** Selected to display artwork regarding neuroanatomy in exhibition, *In the Service of Science: Student Work from the Graduate Program in Biomedical Communications, UTM* at the University of Toronto Art Centre (Oct 23 - Nov 30, 2012).

2011 **Photography Exhibit at the University of Alabama at Birmingham's Sterne Library** Photographed and edited a number of photos as the solo photographer for the exhibit entitled, *Sculptures of the Birmingham Botanical Gardens* (July 1- Aug 31, 2011).

RESEARCH

2010 **Undergraduate Capstone Project at Rensselaer Polytechnic Institute** Collaborated with a spinal surgeon and worked in a group of students to design and prototype an adjustable spinal implant and corresponding surgical tools for a transforaminal lumbar interbody fusion procedure.

2009 **Research Experience for Undergraduates at the University of Alabama at Birmingham** Electrospun and characterized (mechanically and chemically) a novel poly(ester urethane urea)/polydioxanone blended scaffold for small-diameter vascular replacement applications.

2007 **University of Alabama at Birmingham Student Assistant** Aided in hydrothermal synthesis of carbon nanospheres for biomedical applications and cancer treatment, and conducted cellular response studies. Fabricated and mechanically tested nanoparticle hydroxyapatite/gelatin constructs.

PUBLICATIONS

2012 V. Kozlovskaya, O. Zavgorodnya, Y. Chen, K. Ellis, H. M. Tse, W. Cui, J. A. Thompson, E. Kharlampieva, Ultrathin polymeric coatings based on hydrogen-bonded polyphenol for protection of pancreatic islet cells, submitted to Advanced Functional Materials. (Illustration by **I. Stanishevskaya**)

2007 S. Fox, **I. Stanishevskaya**, S. Chowdhury, S. Catledge, A. Stanishevsky (2007). Mechanical Properties of Nanoparticle Hydroxyapatite/gelatin Constructs. MRS Proceedings, 1063 , 1063-OO05-04 doi:10.1557/PROC-1063-OO05-04.

2007 C. Styres, **I. Stanishevskaya**, T. Nasti, N. Yusuf, M. Everts, H. Yockell-Lelievre, A. Stanishevsky (2007). Carbon Nanospheres for Biomedical Applications. MRS Proceedings, 1064 , 1064-PP08-07 doi:10.1557/PROC-1064-PP08-07.