

Andrew Q. Tran

Product Designer + Biomedical Communicator

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San Jose, California

🎓 EDUCATION

University of Toronto

MSc, Biomedical Communications (2014)

University of California, Los Angeles

BS, Psychobiology (2007)

🔧 TECHNICAL EXPERIENCE

CREATIVE TECHNOLOGY

Human-centered design process, UX, UI, info. architecture, interaction, visual design, data visualization, copy writing; user research, wireframe, prototype, usability test; storyboard, animation, compositing; illustration

Design: Sketch, Balsamiq, InVision, Photoshop, Illustrator, After Effects, Flash, Fireworks, InDesign

Code: HTML5, CSS3, SCSS, PHP, jQuery, Ionic, Foundation, Bootstrap

3D: Maya, Mudbox, 3D-Coat, Cinema4D, autoPack, ePMV, OsiriX

Traditional: Graphite, carbon dust, pen & ink, watercolor, oil painting

BIOMEDICAL RESEARCH

Broad scientific and medical knowledge. Expertise on a wide variety of research software, preclinical imaging modalities.

🏆 AWARDS

Health++ Winner

Stanford University (2016)

Code-a-thon Winner

Health 2.0 Conf, San Francisco (2014)

Vesalian Scholar Award

Vesalius Trust, International (2014)

Best Poster Presentation, 2nd

University of Toronto (2014)

CIHR Scholarship

Canadian Inst. of Health Research (2013)

💼 PROFESSIONAL EXPERIENCE

Product Design Lead (04/2018 - Present)

Mindstrong Health

- Leading and executing end-to-end product and experience design, for the mental health care vertical, from consumers, patients, to healthcare professionals.
- Driving product design strategies to help secure B2B deals (+\$8M/yr) and improve clinical efficiency; pitching to internal and external stakeholders.
- Establishing, facilitating workshops, user research, design studios, usability tests. Driving creation and maintenance of internal design system and collaboration.
- Providing product management; supporting cross-functional process development.
- Leading a small design team, managing and mentoring 2 direct reports.

Sr. UX/UI Designer (02/2017 - 03/2018)

BioElectron Technology Corporation

- Led efforts in designing a full suite of highly specialized and unique scientific research applications for 3 different research areas and instrumentation.
- Managed communications with all stakeholders and engineers, leading to 20% increase of efficiency in design and development.
- Established and conducted formal user research, interviews, and usability tests. Solidified a design language and implemented a comprehensive design system.
- Designed, developed, and maintained company website.

Design Fellow (Winter 2018)

IDEO CoLab — IDEO's Research & Design Network / Among Top 10%

- Researched, prototyped an application of blockchain for analytics and digital ads.

Product Designer (2017; Independent Contract)

BioRender — biorender.io (Y-Combinator W18) / Acceptance Rate 1-1.5%

- Led design of a very successful science illustration web app. Provided product ideation, competitive analysis, UX/UI design, and front-end implementation.

Product Designer (12/2015 - 02/2017)

Vave Health, Inc.

- Co-wrote a multi-million dollar SBIR grant application
- Designed, coded UI of a responsive mobile app for portable and wireless ultrasound, used for demos with physicians, investors, and engineer testing
- Developed business strategy by performing market research, conducting customer interviews, and assessing the competitor landscape
- Developed brand identity, company website, infographics and illustrations for pitch decks; collaborated with industrial design firm and creative agency

Scientific Graphic Designer (08/2014 - 07/2015)

University of Southern California • Inst. for Neuroimaging and Informatics

- Produced data visualizations, illustrations, 3D brain and neural networks for multi-million dollar grant applications. Work featured on major publications
- Designed an in-house financial dashboard web app. Created responsive designs, style guides, prototypes & iconography for multiple web apps and websites

Biomedical Researcher (2004 - 2012)

UCLA, Amgen, Novartis — Immunology, Pharmacology, Oncology

COMMUNITY OUTREACH

Guest Lecturer (2017)

Design in Healthcare for "Healthcare in 2025" DeCal course

Mentor (2016 - Present)

Edge Interns: healthcare, technology and collegiate mentorship

Judge (2010 - Present)

FBLA-PBL California State Business Leadership Conference

Mentor (2016)

AIG University Code-a-thon

Mentor (2015)

UCLA Circle K Career Development

Judge (2014)

Peel Region Science Animation Festival

Volunteer (2012)

Novartis Community Partnership Day, supporting local communities & charities

Runner (2010)

Honda Los Angeles Marathon
25th anniversary

LEADERSHIP POSITIONS

Director of Branding & Promotion

(2014) Biocommunication Academic Meetings, Toronto 2014

Student Representative

(2013 - 2014) Biomedical Communications Alumni Association

Senior Design Editor (2013 - 2014)

Institute of Medical Science Magazine

MEMBERSHIPS

Association of Medical Illustrators

(2013 - 2017)

ACM Special Interest Group on Computer Graphics (SIGGRAPH)

(2013)

SYMPOSIUM PRESENTATIONS

Tran AQ (2016). From service to product: Medical illustration in tech. *Association of Medical Illustrators Annual Meeting*, Atlanta, GA. (International)

Tran AQ (2016). From service to product: Medical illustration in tech. *Guild of Natural Science Illustrators Conference & Annual Meeting*, Santa Cruz, CA.

Tran AQ, De Koninck Y, Corrin MC, Dryer M (2014). Beyond the diffraction barrier: An overview of super-resolution microscopy as applied to neurobiology. *Association of Medical Illustrators Annual Meeting*, Rochester, MN. (International, Presentation & Poster)

Tran AQ, De Koninck Y, Corrin MC, Dryer M (2014). Beyond the diffraction barrier: An introductory 3D animation and an interactive module of super-resolution microscopy as applied to neurobiology. *University of Toronto Mississauga Research Excellence Celebration*, Mississauga, ON, Canada. (Poster)

Lee JT*, Wong K-P, Yang Y, **Tran AQ**, Satumurthy N, Phelps ME, Schiepers C, Czernin J, Huang S-C, Radu CG (2010). Kinetics of 18F-FAC and L- 18F-FMAC PET probes for imaging nucleoside salvage metabolism. *Society of Nuclear Medicine 57th Annual Meeting*, Salt Lake City, UT. (Poster)

PUBLICATIONS

Schwarzenberg J, Radu CG, Benz M, Fueger B, **Tran AQ**, Phelps ME, Schiepers C (2011). *Human biodistribution and radiation dosimetry of novel PET probes targeting the deoxyribonucleoside salvage pathway*. *European journal of nuclear medicine and molecular imaging*, 38(4), 711-721. (**Tran AQ**: all illustrations)

Shu CJ, Campbell DO, Lee JT, **Tran AQ**, Wengrod JC, Witte ON, Radu CG (2010). *Novel PET probes specific for deoxycytidine kinase*. *Journal of Nuclear Medicine*, 51(7), 1092-1098. (**Tran AQ**: 1 illustration)

SELECT PUBLISHED ILLUSTRATIONS

Toga AW (2015). *Brain Mapping: An Encyclopedic Reference*. Burlington: Elsevier Science. (**Tran AQ**: cover image)

Pennisi E (2015). *Eight genes that make us brainiacs*. *Science*. (**Tran AQ**: cover image)

Hall J, Premji A (2015). *Toronto Notes 2015: Comprehensive Medical Reference and Review for MCCQE and USMLEII*. (**Tran AQ**: 2 illustrations)

Ng QKT, Olariu CI, Yaffee M, Taelman VF, Marincek N, Krause T, Meier L, Walter, MA (2014). Indium-111 labeled gold nanoparticles for in-vivo molecular imaging. *Biomaterials*, 35(25), 7050-7057. (**Tran AQ**: 1 illustration)

Vojvodic M, Young A (2014). *Toronto Notes 2014: Comprehensive Medical Reference and Review for MCCQE and USMLEII*. (**Tran AQ**: 3 illustrations and all icons)

Yaghoubi SS, Campbell DO, Radu CG, Czernin J (2012). Positron emission tomography reporter genes and reporter probes: gene and cell therapy applications. *Theranostics*, 2(4), 374. (**Tran AQ**: 1 illustration)