# 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.

## CREDENTIALS

**Designing UX**
Willy Lai, San Francisco

**Product Design**
White Space, San Francisco

## AWARDS

**Health++ Winner, Stanford** (2016)
**Code-a-thon Winner, Health 2.0** (2014)
**Vesalian Scholar Award** (2014)
**Best Poster Presentation, 2nd** (2014)
**CIHR Scholarship** (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; presenting prototypes and concepts to internal and external stakeholders.
- Facilitating workshops, user research, design studios, usability tests.
- Providing product management; supporting cross-functional process development.
- Leading a small design team, managing and mentoring direct reports.

**Product Designer** (02/2017 - 03/2018)
**BioElectron Technology Corporation**

- Led efforts in designing and releasing a full suite of highly specialized and unique scientific research applications.
- Managed communications with all stakeholders and engineers.
- 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

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

**Product Designer** (2017; Contract)
**BioRender** — biorender.io (Launched; Y-Combinator W18)

- 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.** — vavehealth.com (Stealth)

- Designed, coded UI of a responsive mobile app for a portable medical imaging technology, used for demos with physicians, investors, and engineer testing
- Developed business strategy by performing market research, conducting customer interviews, and assessing the competitor landscape
- Co-wrote a multi-million dollar SBIR grant application
- 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 in academia, biotech, and pharma)

- Novartis Institute for Biomed. Research · Oncology-Pharmacology (2012)
- Amgen, Inc. · Metabolic Disorders · Bone Diseases (2011)
- UCLA · Molecular and Medical Pharmacology (2004 - 2011)

## 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**, Satuamurthy 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)