

ANNIE Y. LAI

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EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY

Atlanta, GA

Executive Master of Business Administration (MBA), Scheller College of Business

December 2021

- **Concentrations:** Management of Technology, Strategy and Innovation, Business Analytics
- **Leadership:** Student Leadership Team, Student Ambassador
- **Honors:** EMBA Class of 2021 Poets & Quants 7th Annual “Best & Brightest”
- **Capstone Project:** Business model development – LinkLet, an offering for adolescents with chronic conditions that struggle to achieve post-diagnosis normalcy

EMORY UNIVERSITY

Atlanta, GA

Master of Arts in Bioethics (MAB), Center for Ethics

May 2016

- **Concentrations:** Clinical Bioethics, Ethics of Extracorporeal Membrane Oxygenation (ECMO)
- **Honors:** Health Care Ethics Consortium of Georgia (HCECG) Scholarship. School of Arts and Science Enrollment Scholarship. Professional Development Support Funds, recipient
- **Master Thesis:** *The Moral Permissiveness of Harms Associated with Extracorporeal Membrane Oxygenation (ECMO): Clinical Reasoning of ECMO Candidacy and the Principle of Double Effect*

UNIVERSITY OF MISSOURI, COLUMBIA

Columbia, MO

Doctor of Philosophy – ABD (no degree awarded), Pathobiology

May 2008

- **Concentrations:** Immunology, Host-Response to Infectious Diseases
- **Leadership:** Graduate Professional Council, Student Safety Committee
- **Honors:** Annual College of Veterinary Medicine Phi Zeta Research Day, 3rd Place Research Award. Graduate Professional Council Travel Scholarship
- **Publication:** Brown CR, Lai AY, Callen ST, Blaho VA, Hughes JM, Mitchell WJ. “Adenoviral Delivery of Interleukin-10 Fails to Attenuate Experimental Lyme Disease.” *Infection and Immunity*. 2008 December; v.76(12): 5500-5507.

Bachelor of Science, Biology, Chemistry

August 2006

- **Publication:** Will MJ, Pritchett CE, Parker KE, Sawani AM, Ma H, Lai AY. “Behavioral characterization of amygdale involvement in mediating intra-accumbens opioid-driven feeding behavior.” *Behavioral Neuroscience*. 2009 August, v123(4): 781-93.

Bachelor of Science, Biochemistry

December 2004

- **Honors:** Diversity Scholarship. Wurdack Scholarship. Delta Sigma Theta Sorority Academic Award

EXPERIENCE

MOBIUS3D

Atlanta, GA

Co-Founder / Biomedical Pre-Early-Stage Startup

February 2021-Present

- Direct business and commercialization strategy for class III airway support device and class II regenerative medicine product line.
- Direct business operations, strategy execution, and relationships.
- Translational facilitator of multi-system collaboration among GA Tech, Emory School of Medicine, and CHOA.

AMERICAN GAMING SYSTEMS (AGS) LLC

Atlanta, GA

Executive Assistant to CTO / R&D Administration

October 2019-July 2021

- Delivered executive-level administration support to CTO and other senior leadership.
- Translated performance data reporting into useful insights for management.
- Managed compliance and licensing in accordance to jurisdictional regulatory bodies.
- Organized event and project coordination and managed office and building operations.

FLASHPOINT MANAGEMENT COMPANY

Atlanta, GA

Executive Assistant to CEO and President / GA Tech Center for Deliberate Innovation

September 2014-October 2019

- Provided executive-level administrative support to Director and President and operations support to COO for university-based startup accelerator, translating and executing company vision at the direction of the COO.
- Directed interns in solution-driven customization of company CRM database (frontend and integrations), lead strategic distribution of email marketing campaigns, and maintenance of outreach communication campaigns.
- Coordinated weekly speakers’ series, and managed contracts and budgets.

CHILDREN'S HEALTHCARE OF ATLANTA, EGLESTON CAMPUS**Atlanta, GA****Patient Care Technician / Pediatric Intensive Care Unit**

January 2011-Present

- Directed and coordinated special projects (manuscript preparation, chart review, data analysis).
- Directed preceptorship for 40+ patient care technicians and nursing students.
- Optimized overall clinical workflow (expeditor, coordinator, prioritizer, and communicator) for a 36-bed PICU.
- Maintained department equipment and unit organization. Serve as a patient safety sitter or unit secretary as needed.

EMORY UNIVERSITY HOSPITAL**Atlanta, GA****Patient Administrative Liaison / Emergency Department**

August 2010- December 2012

- Facilitated, addressed, and resolved patient and patient's family concerns and grievances.
- Optimized facilitation of information exchange among the medical team and patient / patient's family.
- Reported to Unit Director of patient-related issues for departmental efforts to improve Press Ganey scores.
- Functioned in social worker and chaplain related activities as needed.

DERMATOLOGY CONSULTANTS**Atlanta, GA****Medical Assistant to President Physician / Private Practice**

2008-2010

- Maximized physician work-load and efficiency in clinical workflow of medical, surgical, and cosmetic procedures, and patient triage.
- Delivered and educated patients on dermatologic conditions and biologics management.
- Managed vendor engagement and product inventory and sales.

UNIVERSITY OF MISSOURI, COLUMBIA**Columbia, MO****Graduate Research Assistant / Department of Veterinary Pathobiology**

August 2006-May 2008

- Developed laboratory protocols and experiments, graphical/analytical data interpretation, animal colony care, inventory/ordering supplies, tissue prep/harvesting, perform advanced immunological laboratory techniques (genotyping, HPLC, PCR, gel electrophoresis, ELISA, cell cultures, immune cells isolation, protein/DNA/RNA purification and extraction, cell staining), IM/IP injections, and educate/instruct undergraduates and laboratory technicians.

Laboratory Assistant / Department of Veterinary Pathobiology

May 2006-August 2006

- Data analyst, managed laboratory animal care, coordinated inventory and supplies, performed tissue prep/harvesting, maintained laboratory sterility and reagents.

Senior Research Laboratory Assistant / Department of Psychology

February 2005-November 2005

- Set up and established new laboratory.
- Developed laboratory protocols and experiments, graphical/analytical data interpretation, histotechnology, animal colony care, laboratory management, tissue prep/harvesting, instrument and glassware cleaning/sterilization, make reagents, educate/instruct undergraduates and laboratory technicians.

ADDITIONAL INFORMATION

Technical Skills: Microsoft Office Suite (PowerPoint, Excel, Word), Python 3, Matplotlib, Pandas, Tableau, PowerBI, MySQL, HTML/CSS, JavaScript, D3.js, ARIMA forecasting, regression modeling, WEKA, PHSTAT, ChromeRiver, ArdentSky, Egencia.

Soft Skills: Cross-function translational navigator, leadership, facilitator, emotional intelligence, communicator, inclusive, adaptable, and multi-tasker.

Certifications: GA Tech Data Science and Analytics Certificate. GA Tech VentureLab Female Founders. CHOA Collaborative Institutional Training Initiative (CITI).

Languages: Chinese Mandarin – native, French – basic.

Affiliations: American Society for Bioethics and Humanities (ASBH), Health Care Ethics Consortium of Georgia (HCECG).