

Mary A. Lapadat-Tapolsky, Ph.D.

Assistant Director, Forcht Center for Entrepreneurship
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Entrepreneurship Instruction, Licensing, Working with Startups

Certified Educator of Lean LaunchPad methodology to validate commercial potential and business model

Development and coordination of LaunchIt (business model canvas, elevator pitch, investor pitch)

Development/management of diverse programs and services to support startup and early stage companies

Entrepreneurship MBA, graduate level, and Entrepreneurship Minor course instruction at UofL

Interaction with University researchers and technology evaluation for commercial potential

Negotiation of licenses, options, MTAs, CDAs, IIAs and other University agreements

Evaluation of patentability and freedom to operate, management of intellectual property

Valuation and marketing of technologies

Worked with founders of University-based start-ups to facilitate start-up creation

Supervision of students and interns

Technical Expertise

Management of projects and collaborations, supervision of technicians and doctoral students

Preclinical development, design of *in vitro* and *in vivo* preclinical studies

Cell culture techniques, cell proliferation and cytopathic effect assays, immunohistochemistry

Adenovirus manipulation, retrovirology, molecular biology, biochemical techniques

Protein purification, enzymology, *in vitro* translation, crystallization, molecular modeling

Professional Experience

Assistant Director, External Programs

01/18-present

Forcht Center for Entrepreneurship, College of Business, University of Louisville

80% service, 20% teaching. Position created to address Forcht Center's goal of supporting

entrepreneurship in the community; transitioned programs from Nucleus to Forcht Center,

continue to manage (LaunchIt, RevIt – Accelerating Customer Growth, Open Office Hours, e+i

Entrepreneurs Meet Innovators, VetStart, etc.), and create and manage new programs (such as

ULaunch) designed to address local needs. Entrepreneurship MBA, graduate level, and

Entrepreneurship Minor course instruction. Assist with business plan competitions, represent

Forcht Center in community, and continue to serve as UofL EPSCoR community representative.

Director, Technology Commercialization and Program Administration

03/10-01/18

Nucleus: Kentucky's Innovation Center

Development and administration of tenant support and outreach programs; liaison to University of Louisville. Empower entrepreneurs to successfully commercialize technology-based innovations.

Program examples include LaunchIt entrepreneur training program (480+ graduates), VetStart,

RevIt – Accelerating Customer Growth to provide customized growth strategies for select early

stage companies, Nucleus MeetUps, Vendor Site, Open Office Hours, Startup Seminar Series

and Long Term Care Idea Hours. EPSCoR Statewide Committee Member since 2011.

Technology Transfer Office, University of Colorado, Boulder

Consultant

06/09-11/09

Provided assistance remotely from Kentucky with all aspects of case management, as described below, while Office was short staffed; assisted with transfer of case histories to new hires.

Senior Licensing Manager

07/08-05/09

Responsible for increased and more complex caseload, evaluating invention disclosures for patentability and market potential, directing patent prosecution, marketing technologies,

technology valuation and negotiating increasingly complex options and licenses, including start-ups, a negotiation of other University agreements; outreach to and education of inventors.

Licensing Manager

10/04-07/08

Technology valuation and determination of appropriate financial terms for licensing of technologies, negotiation of option and license agreements and other University agreements, evaluation of new inventions for patentability and market potential, marketing of technologies, directing patent prosecution. Managed larger and more complex caseload.

Consultant

1/03-10/04

Evaluation of new inventions for patentability and market potential, directed patent prosecution, marketed technologies and negotiated options, licenses and other University agreements.

Research and Development

Research Scientist II, Introgen Therapeutics, Houston, Texas

1995-1998

Post-doctoral Fellow, Ecole Normale Supérieure de Lyon, France

1991-1995

Post-doctoral Fellow, Ecole Polytechnique, Palaiseau, France

1989-1991

Research and Teaching Assistant, University of North Carolina

1984-1989

Editing, Carolina Biological Supply Company, Burlington, NC

1987

Editing of *Biochemistry* by J. David Rawn; reviewed for chemical and biochemical accuracy.

Education

1989 Ph.D., University of North Carolina-Chapel Hill, Department of Chemistry
Thesis: "*Euglena gracilis* Chloroplast EF-Tu: Structural Studies Based on
Molecular Mechanics and Biochemical Techniques"

1984 B.A., DePauw University, Greencastle, Indiana
Chemistry, Dean's List

Honors

Recipient of [GLI] EnterpriseCorp Award for outstanding leadership in the Louisville entrepreneurial community

2017

Graduate Assistance in Areas of National Need Fellowship

1988-89

Graduate Teaching Fellowship, Award for Excellence in Teaching

1985

First Year Fellowship, University of North Carolina

1984

Foreign Language: French