



## Developing the Early Stage Pipeline of Professionals



9

### Thank you to our sponsors

AUTM Thanks Online Professional Development Sponsors

10

## Introducing Today's Presenters



**Session Moderator:**  
Raja Krishnan, MBA  
*University of Kentucky*



Renee Landers, JD  
*Suffolk University*



Leslie Oster, JD  
*Northwestern University*



Mickie Piatt, JD  
*Kent College of Law*



11

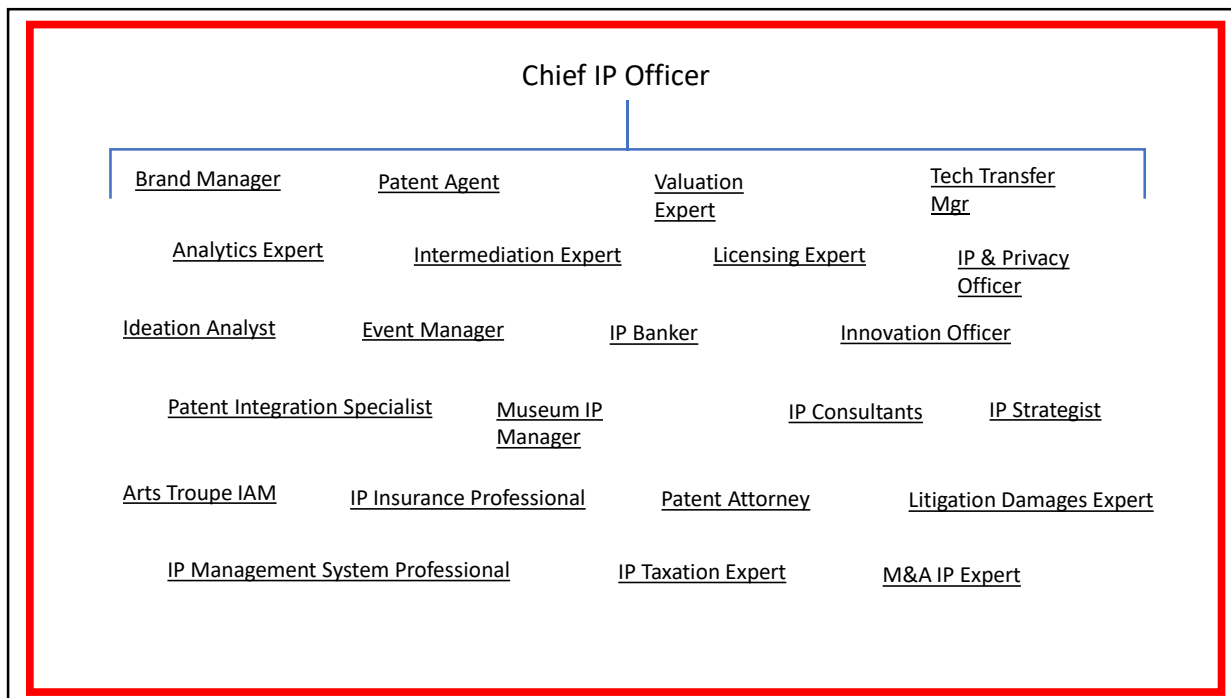
## Expanding Horizons: Programs in IP Management and Markets at Illinois Tech

Prof. Mickie Piatt

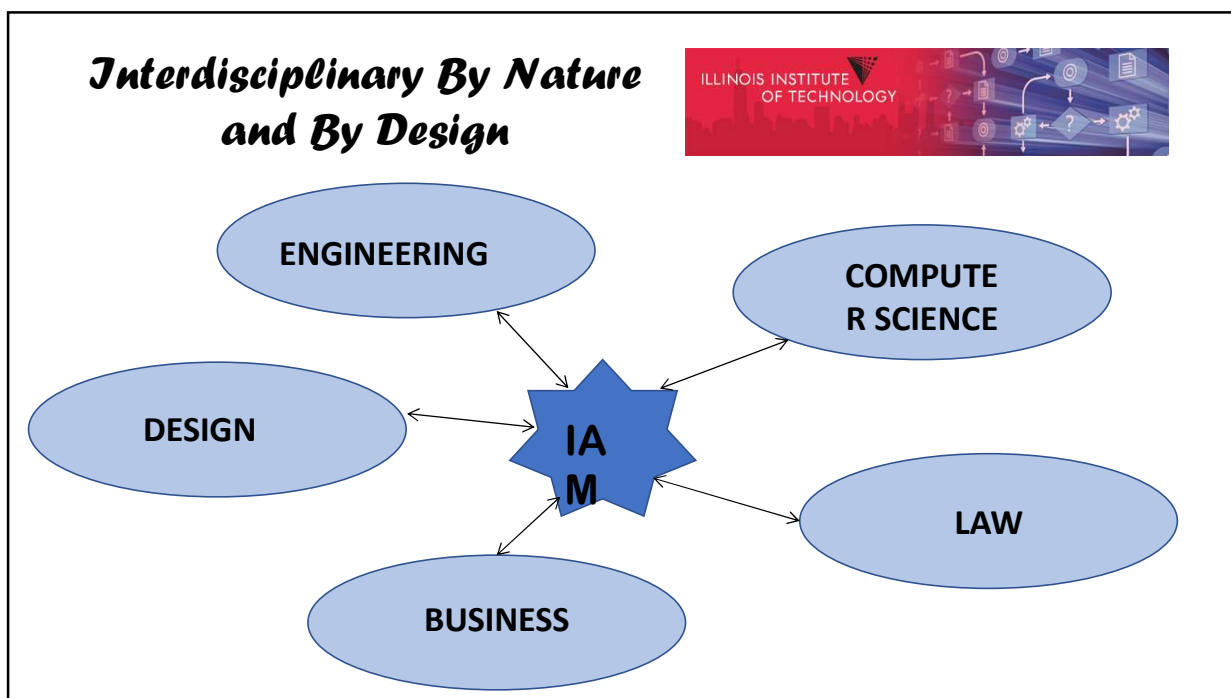
Co-Director, JD Programs in IP and IPMM Programs



12



13



14

## FACTS—Master Degree



- ❖ Thirty credit hours; August-May
- ❖ Begins with 4-credit Introduction to Legal Regimes in the Context of the Innovation Design Process (residential)
- ❖ Ends with Capstone in Chicago start-up company (residential); students act as consulting team to perform IP audit, inventory, analysis, and recommendations to the C-suite
- ❖ Opportunities for hands-on interdisciplinary projects as TA
- ❖ Requires 24 hours IPMM mandatory courses + 6 hours electives (may be taken in any of the disciplines)

15

## Courses Include



- Introduction to IP Law in the Context of the Innovation Design Process
- IAM Methodology and Assessing IP (hybrid)
- Acquiring IP (online asynchronous)
- Business and IP Strategy (hybrid)
- Global IP (hybrid)
- Maximizing IP (online asynchronous)
- Capstone
  
- Plus electives: Patent Analytics and Landscape Reports (online) and Technology Primer (online) OR 6 hours from any of the disciplines [Engineering/Law/Business/Design/Computer Science]

16

## IAM Certificate FACTS



- ❖ Three online (asynchronous) courses from the full program
  - ❖ Acquiring IP
  - ❖ Maximizing IP
  - ❖ Patent Analytics and Landscape Reports
- ❖ May be used for advanced standing on acceptance into the Master program
- ❖ Designed for professionals with some IP experience/education

17

## Program Graduates Employment Examples

- Boeing
- General Electric
- CUNY
- Illinois Tech
- Illinois Tool Works
- IBM
- Stout Risius Ross
- JP Morgan Chase
- Trustwave
- Dennemeyer
- Watson Project
- NC State
- Cannabistry
- Borg Warner
- Aon
- Houlihan Lokey
- Blackstone IP
- Softbank
- Transunion
- Ocean Tomo/IPXI

18

More Information:

Prof. Mickie Piatt  
Chicago-Kent College of Law  
[mvpiatt@kentlaw.iit.edu](mailto:mvpiatt@kentlaw.iit.edu)  
312-906-5145

<https://www.kentlaw.iit.edu/academics/interdisciplinary-graduate-program/master-of-ip-management-and-markets>

19




20

## What it is: Situating the MSL


- Truly an intersectional degree; not a JD, not an MBA, has aspects of both in its own unique package
- STEM focus and bespoke curriculum
- Practical classes integrate real world topics: law, regulation, business & policy
- Flexible curriculum allows students to explore different paths: compliance, business, IP, health, data, entrepreneurship, legal tech, privacy, and others

21



Master of  
Science in Law

### Who are MSL students?



<b>30</b> average age	<b>51%</b> women	<b>49%</b> men
<b>76%</b> have prior work experience		
<b>18%</b> Master's Degrees	<b>7%</b> MBAs	<b>5%</b> PhDs
<b>85</b> undergraduate STEM majors represented		
<b>58%</b> people of color		
<b>29%</b> international	<b>23</b> countries represented	

22

22



## Online Courses

Classes designed by Professors & Learning Engineer; components include:

- Professionally-produced lecture videos
- Synch sessions
- Group work
- Interactive discussion boards



23



## Curriculum Highlights

- Four main areas of study (but no formal concentrations):

Business Law & Entrepreneurship

Intellectual Property & Patent Design

Regulatory Analysis & Strategy


Skills-Building Courses

- Students customize their own programs
- Students take about 20 classes in the program; 28 credits required for graduation

24

24






## Required Courses

Business Law & Entrepreneurship	Intellectual Property & Patent Design	Regulatory Analysis & Strategy	Skills-Building Courses
<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px; background-color: #a5d6a7;">Business Formation &amp; Structure</div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px; background-color: #a5d6a7;">Business Torts</div> <div style="border: 1px solid black; padding: 5px; background-color: #a5d6a7;">Contract Law &amp; Design</div>	<div style="border: 1px solid black; padding: 5px; background-color: #00bcd4; text-align: center;">IP Fundamentals</div>	<div style="border: 1px solid black; padding: 5px; background-color: #9575cd; text-align: center;">Legal &amp; Regulatory Process</div>	<div style="border: 1px solid black; padding: 5px; background-color: #bdbdbd; text-align: center;">Ethics</div> <div style="border: 1px solid black; padding: 5px; background-color: #bdbdbd; text-align: center; margin-top: 5px;">Research in Law, Business &amp; Technology</div> <div style="border: 1px solid black; padding: 5px; background-color: #bdbdbd; text-align: center; margin-top: 5px;">Public Persuasion or Persuasive Communication</div>

25

25



## IP & Patent Design

- International & Comparative IP, R
- Introduction to IP Licensing, R/O
- IP Investments & Capital Markets: A Global Perspective, R
- IP Strategy & Management, R/O
- IP Valuation, R
- Patent Landscape Analysis Using Natural Language Processing, R
- Patent Law, R/O
- Patent Prep & Prosecution Workshop I, R/O
- Patent Prep & Prosecution Workshop II, R/O
- Patenting Software Inventions, R

26

26



## Business Law & Entrepreneurship

- Advanced Contracts, O
- Applied AI in HealthTech, R
- Assessing AI & Computational Technologies, R
- Business Combinations, R/O
- Business & Corporate Strategy in Action, O
- Business Strategy & Frameworks, R
- Cases in New Venture Strategies, R
- Data Science in a Business Context, R
- Employment Law, R/O
- Entrepreneurial Finance & Venture Capital, O
- Entrepreneurship Lab: I & II, R
- Entrepreneurship Law, R/O
- Federal Income Taxation, O
- Innovation Lab, R
- Innovation Diffusion in the Legal Industry, R
- Introduction to Accounting & Fin. Statements, R/O
- Introduction to Securities Regulation, R
- Introduction to Taxation: Business Income, O
- Litigation Operations & eDiscovery, R
- Navigating Complex Corporate Environments to Bring New Products to Market, R
- Presentation Design & Visual Storytelling, R
- Tax Policy, O

27

27



## Regulatory Analysis & Strategy

- Corporate Criminal Law, R/O
- Data in Society, R
- Data Privacy: Law, Regulation & Application, R
- Data Security Regulation, R
- Digital Data: Privacy, Policy & Governance, R
- Energy & Climate Change, R
- Food Policy & Regulation, O
- Forensic Science, R
- Gaming Law & Regulation, R
- Global Business Regulation & Risk Assessment, R
- Global Transactions & Compliance, O
- Health Care Law & Regulation: Federal & State, R
- Health Informatics, R
- Health Law, O
- Integration of Science & Clinical Care, R
- Law, Health Policy & Science in the COVID-19 Crisis, O
- Legal & Reg Issues in Emerging Industries: Cannabis, R
- Medical Devices: Regulation & Compliance, R
- RegTech: Transforming the Interaction of Regulators, Regulated Enterprises, and Markets, R
- Regulation: Energy & Environment, R
- Regulatory Compliance: Product Approval & Life Cycle Issues, R
- Regulatory Policy, O
- Regulatory Strategy & Communication, R
- Technology Standards, R
- U.S. Regulation: Design, Implementation & Enforcement, O

28

28



## Skills-Building Courses

- Communicating Scientific Information: Technical Professionals & Expert Witnesses, R
- Design Thinking, R
- Health and Human Rights, R
- Negotiation Skills & Strategies, R/O
- Project Management for Regulated Industries, R
- Quantitative Reasoning in the Law, R/O
- Strategic Decision Analysis: Gaining Competitive Advantage in an Uncertain World, R
- Presentation Design & Visual Storytelling, R
- Visual Communication for Systemic Change, R

29

29



## MSL 360 BLOG

**MSL 360**  
Perspectives From the Master of Science in Law at Northwestern

Home About Us Contact

**Radhika Raturi Reflects on MSL Program Day of Public Service**

Posted on October 8, 2019 by Nicole Schneider

During the Fall 2 session, I had the amazing opportunity to coordinate a Day of Public Service, as part of the MSL Student Governance Committee. I volunteered with my MSL peers to give back to our local community by creating festive cards, compiling bags of toiletries, and knitting scarves. While working on a public service [...]

---

**Current MSL student, Alastair DeNova, presents at International Society for Technology in Arthroplasty's 32nd Annual Congress**

Posted on November 21, 2019 by Nicole Schneider

This past October, I delivered a podium presentation at the International Society for Technology in Arthroplasty's 32nd Annual Congress in Toronto, Canada. My talk was entitled "Pelvic Tilt and Rotation Measured Using Handheld Navigation for Acetabular Component Positioning During Direct Anterior Total Hip Replacement." This opportunity came to me through my

**The MSL is Thriving**

Posted on November 1, 2019 by Nicole Schneider

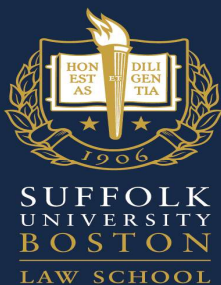
MSL Reunion Weekend 2019 is a wrap! Thank you to all who attended MSL reunion events in person and also to those who connected with us virtually. We had a great turnout of alumni, with representation from each class of graduates, and it definitely seemed like a good time was had by all.

Highlights from the weekend included Friday's luncheon with MSL alumni, current students, and faculty, and our speed-networking event, which was followed by the all-school alumni reception and an informal gathering of MSL alumni at the Windsor Bar in Streeterville. On Saturday, alumni and current students came together to hear about the State of the MSL from staff, including Leslie Oster.

<https://sites.northwestern.edu/mslprogram/>

30

30



## Master of Science in Law: Life Sciences

[suffolk.edu/MSLL](http://suffolk.edu/MSLL)

31

## Suffolk At A Glance



Founded in 1906 on the promise of bettering students' lives through education

From its roots in an evening law class with a handful of students, Suffolk University has evolved into a global institution that blends traditional and experiential learning and taps partner organizations and mentors in Boston and beyond.

[suffolk.edu/MSLL](http://suffolk.edu/MSLL)

32

## Suffolk's Vision

- Focus on experience-based learning, career readiness and adaptability
- Ensure that students gain the core competencies needed to build successful careers in a rapidly changing world
- Prepare students and alumni for lifelong career and community success

[suffolk.edu/MSLL](http://suffolk.edu/MSLL)

33

## Cutting Edge, Lifelong Education

The MSLL is only one example of Suffolk's deep student-centered roots and a commitment to innovation:

- Nationally recognized evening JD program
- Accelerated JD program
- Hybrid JD program
- Offerings geared towards both attorneys and non-attorneys:
  - Legal Innovation & Technology Certificate
  - Online Intellectual Property Certificate Program

[suffolk.edu/MSLL](http://suffolk.edu/MSLL)

34

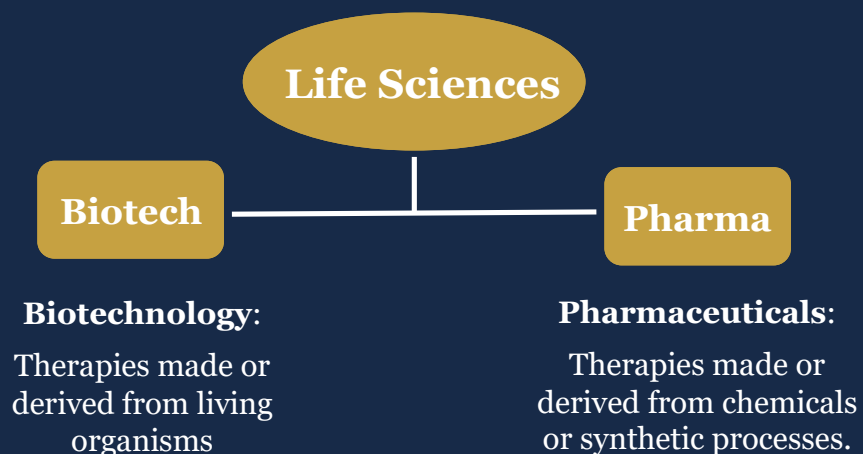
## Master of Science in Law: Life Sciences

- Graduate program for those seeking to gain the knowledge and tools needed to pursue or further a career in the life sciences sector
- Interdisciplinary graduate-level degree that combines
  - Law
  - Business
  - Science
- Prepares you for a career in the life sciences in a variety of positions

[suffolk.edu/MSLL](http://suffolk.edu/MSLL)

35

## What does “Life Sciences” mean?



[suffolk.edu/MSLL](http://suffolk.edu/MSLL)

36

## Life Sciences Hiring Trends in MA

- 35% increase in life sciences jobs over the past decade
- ~12,000 new biotech/pharma jobs projected by 2024
- Filling openings for life sciences jobs often takes more than three months as employers compete against one another for promising candidates
- Companies steal talent from one another, resulting in a loss of productivity & high re-training costs

“Rather than compete for a limited pie of workers, we need to expand the pie”

Source: "A worker shortage for life sciences: What Massachusetts needs to do to fill life sciences jobs."  
Sunny Schwartz, Boston Globe Opinion, Jan. 6, 2020  
<https://www.bostonglobe.com/2020/01/06/opinion/worker-shortage-life-sciences/>

suffolk.edu/MSLL

37

## Market Demand

Plans to Increase or Decrease Full Time Employees in Select Functional Areas Over the Next Year (2020)

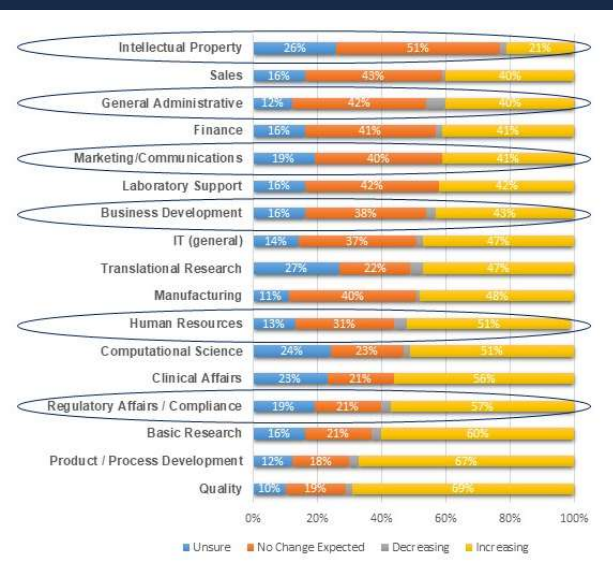


Chart Recreated Using Data From: MassBioEd:  
<https://www.massbioed.org/events/466-2019-ma-life-sciences-employment-outlook>

suffolk.edu/MSLL

38

## Hiring Demand in MA

Five Year Trend of  
Massachusetts Life Sciences  
Industry Hiring Demand  
(February 23, 2016 through May 23, 2020)

- Clear Upward Linear Trend
- 55% Increase in Job Demand Over Five Years
- 10% increase from 2019 to 2020



Source: MassBioEd, [https://www.massbioed.org/writable/files/lswc\\_2020\\_hiring\\_trends\\_pre\\_post\\_covid19.pdf](https://www.massbioed.org/writable/files/lswc_2020_hiring_trends_pre_post_covid19.pdf)

[suffolk.edu/MSLL](https://suffolk.edu/MSLL)

39

## Program Details

- 30 credits required for completion
- Full-time (one year)
- Part-time (18 months-2.5 years)
- No GRE, GMAT or LSAT required
- STEM-Approved
- Start in Spring or Fall
- Priority Deadlines:
  - Spring – Oct. 15
  - Fall- May 15
- Most classes will held after 4:30 PM
- Merit scholarships available

[suffolk.edu/MSLL](https://suffolk.edu/MSLL)

40



## Sample Program Courses

Each student's course load will be tailored to their experience and prior coursework

- Introduction to Molecular Biology for Professionals
- Applied Genetics
- Therapies
- Clinical Research & the Law
- Biostatistics for Clinical Trials
- Pharmaceutical Management
- Data Security
- Compliance in the Life Sciences
- Biotechnology Business & the Law
- Intellectual Property Law Survey

[suffolk.edu/MSLL](http://suffolk.edu/MSLL)

41

## Potential Employment Outcomes

- Program/Project Manager
- Biotechnology Transactions Attorney
- Manager, Compliance and Monitoring
- Technology Specialist
- Contract Manager
- Ethics and Compliance Officer or Administrator
- Regulatory Operations and Publishing
- Contracts Negotiator
- Product Developer
- Policy Analyst

[suffolk.edu/MSLL](http://suffolk.edu/MSLL)

42

## Advice from SULL Alumnae



SUFFOLK  
UNIVERSITY  
BOSTON  
LAW SCHOOL

“I think the greatest part about going to Suffolk was it provides for that education to lay a foundation to go anywhere a person wants to go and to be anything that they want to be, because it takes such a common sense approach”

[suffolk.edu/MSLL](http://suffolk.edu/MSLL)

43

## Advice from an MSLL Professor



SUFFOLK  
UNIVERSITY  
BOSTON  
LAW SCHOOL

“At the end of the day what we’re doing makes a really big difference in people’s lives”

[suffolk.edu/MSLL](http://suffolk.edu/MSLL)

44

## The Suffolk Difference

- MSSL students can take advantage of Suffolk's:
  - Extensive career placement services
  - Robust alumni network
- Suffolk University has 80,000+ alumni across the country and around the globe, a large percentage of whom are actively involved and engaged:
  - Mentoring
  - Job Postings
  - Networking opportunities

suffolk.edu/MSSL

45

## Upcoming MSSL Event

December 17<sup>th</sup>, 10-11 am:  
 MSSL Drop-in Session with  
 Asst. Dean Sandusky  
 Register:  
<https://bit.ly/MSSLDean2>



The Great Hall  
 Suffolk Law School

suffolk.edu/MSSL

46

## QUESTIONS?

Prof. Renée M. Landers  
Academic Director, MSLL  
Health & Biomedical Law  
Concentration  
[rlanders@suffolk.edu](mailto:rlanders@suffolk.edu)


Bridgett C. Sandusky, Esq.  
Assistant Dean for Graduate  
Law Programs  
[bsandusky@suffolk.edu](mailto:bsandusky@suffolk.edu)

Prof. Leah Chan Grinvald  
Associate Dean for Academic  
Affairs  
[lgrinvald@suffolk.edu](mailto:lgrinvald@suffolk.edu)

Jennifer Karnakis, Esq.  
Director of Intellectual  
Property Programs  
[jkarnakis@suffolk.edu](mailto:jkarnakis@suffolk.edu)


[suffolk.edu/MSLL](http://suffolk.edu/MSLL)

47



# Share your Feedback

A link to our survey has been posted in the chat. Please open the link to complete at the end of the meeting, your input is appreciated!



**autm**  
Transforming Ideas into Opportunities

48