Type them into questions box!

“Why am I muted?”
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Thank you and enjoy the show.

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Jonathan Kennedy
Attorney, McKee, Voorhees & Sease

Xavier Pillai
Attorney, Leydig, Voit & Mayer

Krista Bianco
Attorney, Finnegan, Henderson, Farabow, Garrett & Dunner

Why are you interested in chemistry and the law?

- I am new to it and interested in a career in this field
- I am currently transitioning to this field
- I am currently employed in this field
- Just curious about the topic (Thursday, aka webinar day)

* If your answer differs greatly from the choices above tell us in the chat!
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My Path

- B.S. in Chemistry from University of Maryland, College Park
- Medicinal chemist at a pharmaceutical company for 6 years
- Attended University of Connecticut School of Law at night
- Summer associate at Finnegan

- Joined Finnegan as an associate and then became a partner
- Soon to be in-house counsel at a pharmaceutical company
Other Career Options for Researchers and Scientists

- Scientific Advisers in Law Firms
- Patent Agents
- Patent Examiners (USPTO)
- Patent Lawyers / Attorneys
- Patent Licensing Managers
- In-house Counsels
Which of the following would you be most interested in or are currently involved in?

- Scientific adviser at a law firm
- Patent Agent or Patent Examiner (USPTO)
- Patent Lawyer, Attorney or In-house Council
- Patent Licensing Manager
- N/A

* If your answer differs greatly from the choices above tell us in the chat!

Patent Agents / Attorneys

- In addition to a technical degree, they must pass the Patent Bar Exam in the respective country [https://www.uspto.gov/learning-and-resources/patent-and-trademark-practitioners/becoming-patent-practitioner](https://www.uspto.gov/learning-and-resources/patent-and-trademark-practitioners/becoming-patent-practitioner)

- In certain countries, they must also attend specialized patent courses

- Patent Attorneys in the US must have a law degree and must pass the bar exam in the state where they practice in addition to passing the Patent Bar Exam
Top Selling Drugs of 2018

1. Humira $19.94 B
2. Eliquis $9.87 B
3. Revlimid $9.69 B
4. Opdiva $7.57 B
5. Nimodipine $7.17 B
6. Enbrel $7.12 B
7. Herceptin $6.98 B
8. Avastin $6.85 B
9. Rituxan $6.75 B
10. Xarelto $6.59 B

Opportunities for Patenting in the Pharmaceutical Sciences

- New formulations
- Combination Therapy
- Genus/new species
- New therapeutic uses
- Metabolites
- Bioisosteres
- Different Salt Forms
- Branched chain vs. linear chain
- Enantiomers
- Polymorphs
- Methods of Synthesis
- New Therapeutic Regimens
- Prodrugs
- Homologation
- Ring vs. open chain
- Ring walking
Attractions

• Takes you **out of the laboratory** if you no longer enjoy it

• If you enjoy **reading and writing science precisely and accurately**, it could be fun

• Often you will be the **first person to see the invention** before the public gets to know about it

• Your **technical skills** could allow you to write strong patents, explain to the patent examiners, judge, or the jury the differences between your client’s invention and others’

• Your **skills** could allow you to defeat invalid patents or critique others’ patents (patent acquisition or licensing)

• **Jobs pay well**

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Downside?

• Often long hours

• Deadlines, Deadlines, Deadlines

• **Stress**

• Time away from family

• Multiple clients, different working styles

• **Rainmaking**
Thank you!

The foregoing is for discussion purposes only and is not intended to provide legal advice on any specific question. No attorney-client relationship exists between the speaker and members of the audience. For any specific legal questions you may have, please contact competent counsel.

Xavier Pillai, J.D., Ph.D.
Leydig, Voit & Mayer, Ltd.
xpillai@leydig.com  (312) 616-5600

Jonathon L. Kennedy, M.A., J.D.
MY PATH

› UNDERGRAD CHEMISTRY DEGREE

› RESEARCH POSITION AT DEPT. OF ENERGY LABORATORY

› MASTER’S DEGREE IN BIOETHICS
  ◦ Adjunct Faculty Position in Chemistry

› LAW SCHOOL
  ◦ State Bar Exam
  ◦ Patent Bar Exam

MY TYPICAL DAY

› VARIES . . .

  ◦ Office Work
    - Reviewing invention disclosures, preparing patent applications, patent office responses, preparing legal analysis and briefs

  ◦ Client Visits
    - Seeing client laboratories and research operations, viewing inventions, IP strategy meetings

  ◦ Litigation
    - Depositions, work with expert witnesses, court hearings and trials

  ◦ Conferences
    - Attending industry conferences, meeting with clients and colleagues
What I Like About IP Work

› **ALWAYS LEARNING** ABOUT NEW TECHNOLOGIES

› **ADVOCATING** FOR COMPANIES AND RESEARCHERS

› **BALANCE** BETWEEN INDEPENDENT WORK AND TEAM WORK

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