

## Jaclyn Novatt, Ph.D.

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Pronouns: she / her / hers

### EDUCATION

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| <b>Ph.D.</b> Biomedical Sciences<br>The Rockefeller University, New York, NY<br>Mentor: Michael Rout, Ph.D.<br><i>“Biochemical Analysis of the Protein-Protein Interactions Involved in Karyopherin-Mediated Transport Across the Nuclear Pore Complex”</i> | June 2009 |
| <b>B.A./M.S.</b> Chemistry<br>Brandeis University, Waltham, MA  | May 2001  |
| <b>B.A.</b> Biology<br>Brandeis University, Waltham, MA   | May 2001  |

### ADMINISTRATIVE EXPERIENCE – COLLEGE LEVEL

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| <b>Assistant Dean for Student Affairs and Administration</b><br>Touro College of Pharmacy, New York, NY | June 2022 - Present |
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- Serves as Chief Integrity Officer for TCOP
  - Ensures advisement, planning, direction, and supervision of student programs, student government elections, student representation on TCOP committees, student organizations, student academic advisement, at-risk student advisement, and student complaints
  - Hires, trains, and supervises the Office of Student Affairs staff, including the Mental Health Counselor/Director of Wellness, the Director of Student Services, Proctors, and other support staff
  - Interfaces with the library, registrar, financial aid, bursar, and Touro Office of Disability Services as they apply to services for TCOP students
  - Interfaces with Facilities
  - Serves on the Touro University Student Services Task Force
  - *Ex officio* member of the TCOP Health & Wellness, Honors & Awards, Integrity, and Co-Curriculum committees
  - Coordinated the College’s move to a new campus June 2023.

**Assistant Dean for Academic and Student Affairs**

Arnold & Marie Schwartz College of Pharmacy and Health Sciences  
Long Island University, Brooklyn, NY

Jan 2019 -May  
2022

- Directed academic advisement and professional development of ~800 students
- Prepared schedule of courses and exams
- Oversaw areas including academic underperformance, academic dishonesty, academic progression, remediation, and professional misconduct
- Served as liaison to other campus offices and departments
- Coordinated student honors, awards, and scholarships
- Developed and implement study skills workshops, peer tutoring programs, and other academic supports
- Served on the steering committee for ACPE accreditation self-study period ending 2021
- Served on Strategic Plan Task Force for Long Island University, Spring 2020
- *Ex officio* member of the College Scholastic Committee, Faculty and Staff Development Committee, and Learning Outcomes Committee

**TEACHING EXPERIENCE – COLLEGE LEVEL**

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**Associate Professor**

Department of Pharmaceutical and Biomedical Sciences  
Touro College of Pharmacy, New York, NY

June 2022 - Present

- Coordinate and teach Pathophysiology course for 60-80 students
- Teach Biotechnology course for 60-80 students
- Teach Pharmacology and Medicinal Chemistry courses for 40-80 students

**Assistant Professor**

Pharmacy Practice  
Arnold & Marie Schwartz College of Pharmacy and Health Sciences  
Long Island University, Brooklyn, NY

Jan 2017 – May  
2022

- Created and lead a research Advanced Pharmacy Practice Experience (APPE) module

- Created and lead the “Introduction to Research” elective course for ~30 students
- Developed and led the “Practical Applications of Biological Sciences” course. This course consisted of nine sections of ~25 students each. I helped create the course and have led some of the recitation sections
- Coordinated and taught “Immunology/Pathophysiology” for ~220 students
- Coordinated and taught “Human Genetics” for ~200 students
- Lead group problem-solving sessions for “Biochemistry” and “Pathophysiology” for ~25 students in each session
- Created and lead improvisation workshops as part of a skills lab course to help Pharm.D. candidates learn and practice communication skills
- Faculty member of the Learning Outcomes Committee
  - Served as Chair from Jan 2018 – Feb 2019
    - Led the committee to develop and implement a portfolio system for students to longitudinally track their progress towards the curricular learning outcomes
- Initiated and coordinated the “Pharmacy Poster Showcase”, Nov 2017 and Oct 2018
- Served as co-faculty advisor for the LIU chapter of the Drug Information Association (DIA)

**Adjunct Assistant Professor**

Farmingdale State College, Farmingdale, NY

Jan – Dec 2016

- Led an introductory biochemistry laboratory section for ~20 undergraduate students

**Adjunct Assistant Professor**

York College, City University of New York, Jamaica, NY

Jan 2014 – Dec 2015

- Taught introductory general chemistry course for ~60 students

**Adjunct Assistant Professor**

Molloy College, Rockville Centre, NY

Jan – May 2013

- Taught a general biology course for ~25 students

**Adjunct Assistant Professor**

York College, City University of New York, Jamaica, NY

Sept – Dec 2009

- Taught introductory general chemistry laboratory and recitation course for ~20 students

**Adjunct Assistant Professor**

The New School University, New York, NY

Sept 2008 – Dec

2008

- Taught interactive genetics seminar course for 7 students

**NON-TRADITIONAL TEACHING EXPERIENCE**

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**Public Talks about the COVID 19 Vaccine**

Feb 2021 - Present

- Nassau County Parents of Multiples Club
- Manetto Hill Jewish Center
- Country Pointe Hadassah
- Third Eye Insight (low vision support group)
- Eye 2 Eye (low vision support group)
- Mid Island Y Jewish Community Center
- Long Island University
- Baldwin School District

Topics covered included: What is a virus? How does our immune system work? How do vaccines work? How does this particular vaccine work? How do we know if a new drug is safe? How did the COVID vaccines get released to the public so quickly?

The recording of the Mid Island Y JCC session from April 2021 can be found here: <https://tinyurl.com/NovattVaccineTalk>

**Continuing Education for Pharmacists**

*Communicating to the Public about the COVID 19 Vaccine*  
1199SEIU, Touro College of Pharmacy, Touro University

Aug 2023

*Communicating to the Public about the COVID 19 Vaccine*  
Long Island University

Apr 2021, June 2022

**Workshop Leader**

Hofstra University, Hempstead, NY

*Girl Scouts of Nassau County "Imagine Your Possibilities" STEM Conference*

2014 - 2019

- Created and led a workshop about DNA and the genetic code for girls in Grades 6-8, in which the girls isolated DNA from their own cheek cells

### **Seminar Series Organizer and Speaker**

2011 - 2016

Cold Spring Harbor Laboratory, Cold Spring Harbor, NY

*Demystifying Science at CSHL*

A team of postdocs and graduate students planned and executed a seminar series for non-scientific audiences to discuss science conducted at CSH and elsewhere. Attendees included CSHL employees from departments such as facilities, catering, custodial, accounting, development, and human resources.

- Organized and coordinated the seminars for the first year of the project
- Prepared and gave talks:
  - “Mixed messages in human disease: research in the Krainer Lab,” January 2012
  - “From CSHL to CVS: How discoveries in the lab may turn into drugs,” March 2013
  - “Demystifying Ebola” November 2014

### **Tour Guide**

2011 – 2016

Cold Spring Harbor Laboratory, Cold Spring Harbor, NY

Led public, private, and VIP tours explaining the history of Cold Spring Harbor Laboratory and the science associated with it, past and present.

- In June 2015 I led a tour that was included in an episode of the PBS show “SciTech Now” about the 125th anniversary of Cold Spring Harbor Laboratory (<http://scitechnow.org/videos/scitech-now-episode-41/#>).
- In June 2016 I led a tour that was featured in a BBC radio documentary (<https://www.bbc.co.uk/programmes/p04rcyw3>)

### **Invited Workshop Panelist**

2015

Cold Spring Harbor Laboratory, Cold Spring Harbor, NY

*Career Development Workshop – Transitioning into Adjunct Teaching*

**Invited Workshop Panelist** 2014  
Cold Spring Harbor Laboratory, Cold Spring Harbor, NY  
*Career Development Workshop – Gaining Teaching Experience*

**Volunteer Science Educator** 2009-2013  
Bio Bus, New York, NY

The BioBus is a mobile microscopy lab, bringing high power microscopes and real-world science to schools throughout the NY metropolitan area and beyond. [www.biobus.org](http://www.biobus.org)

- Helped to design the initial curriculum, creating lessons to align with new Common Core education standards
- Taught hands-on lessons on board the bus during school visits
- Ran hands-on activities for the general public during street fairs and other festivals

**Student-Teacher** Sept – Dec 2001  
Weston High School, Weston, MA  
Mentor: Mr Timothy Reed  
*Honors and Regular Chemistry*

- Involved in developing the curriculum, lesson plans, laboratory assignments and exams
- Learned from experienced mentor-teacher
- Led classes independently
- Tutored students who needed extra help
- Obtained Massachusetts state certification to teach chemistry in secondary schools
- Served as co-advisor of Weston High School Science Team

## **ADDITIONAL EDUCATION**

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**Equity, Diversity, Inclusion Institute** Jan 2023  
American Association of Colleges of Pharmacy (AACP), Virtual

**Eukaryotic Gene Expression Course** July – Aug 2014  
Cold Spring Harbor Laboratory, Cold Spring Harbor, NY

**Genome Access Course** April 2013  
Cold Spring Harbor Laboratory, Cold Spring Harbor, NY

**Ethics and Responsible Conduct of Research Course**  
Cold Spring Harbor Laboratory, Cold Spring Harbor, NY

April – May 2011

**Massachusetts State Teaching Certification**  
Secondary Education, Chemistry

2001

## **NATIONAL EXPERIENCE**

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**Chair / Member - AACP Women Faculty SIG Mentorship Committee**

Chair Aug 2023-  
Present

- Write mentor/mentee minute article
- Help coordinate mentorship program for the 2023-2024 and 2024-2025 academic years

Member Sept 2022  
– Present

**Member – AACP Student Services SIG Programming Committee**

Sept 2022 - Present

- Plan “coffee chat” zoom sessions on relevant topics

**Item Writer – NABP FPGEE/PCOA Item Development Workshop**

Feb 2021

- Attend training and write questions for the FPGEE and/or PCOA exam, Area I: pathophysiology, biochemistry, pharmacology, and immunology

**Member – AACP Council of Sections Mentorship Task Force**

2020 - Present

- Collect data from various sections / SIGs regarding mentorship programs
- Results will be published in the American Journal of Pharmaceutical Education in 2023

**Member - AACP Student Services SIG Communications Committee**

2020 - 2022

- Design and initiate a mentorship program within the SIG

## **RESEARCH EXPERIENCE**

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**Primary Investigator**

2021-2022

Arnold & Marie Schwartz College of Pharmacy and Health Sciences  
Long Island University, Brooklyn, NY

*COVID-19's Impact on the Mental Health of Pharmacy Students*

- Administer survey to PharmD students to examine the effect of the pandemic on their mental health and what coping strategies they found useful
- Poster at AACP Annual meeting, July 2022

**Collaborating Investigator**

2021-2022

Scholarship of Teaching and Learning  
Arnold & Marie Schwartz College of Pharmacy and Health Sciences  
Long Island University, Brooklyn, NY

*What factors impact students' selection of elective courses?*

- Administer survey to PharmD students to determine what influences their decisions regarding which elective courses to take. Aspects considered include day/time of the course, interest in the topic, and potential impact on career path
- Poster at AACP virtual annual meeting, July 2021

**Collaborating Investigator**

2020-2022

Scholarship of Teaching and Learning  
Arnold & Marie Schwartz College of Pharmacy and Health Sciences  
Long Island University, Brooklyn, NY

*Assessment of potential impact of a "Writing in the Sciences" pre-requisite course on student performance in a Drug Information and Literature Evaluation course*

- Monitor student performance to determine if the introduction of a new pre-requisite course impacts student performance in a professional-phase "Drug Information and Literature Evaluation" course. The first cohort of students who took the new pre-requisite course took the drug information course during Fall 2021
- Micro-session talk at AACP annual meeting, July 2023

**Primary Investigator**

2019-2022

Scholarship of Teaching and Learning  
Arnold & Marie Schwartz College of Pharmacy and Health Sciences  
Long Island University, Brooklyn, NY

*Using Prerequisite Course Outcomes to Predict and Possibly Prevent Academic Underperformance in PharmD Students*

- Analyze grade data from pre-requisite courses and courses during the professional phase of the PharmD program to identify courses that can predict performance in future courses
- Use the results of this analysis to implement and evaluate targeted interventions to improve outcomes for at-risk students



- Poster at the AACP virtual annual meeting, July 2020

**Primary Investigator**

2017-2018

Scholarship of Teaching and Learning  
Arnold & Marie Schwartz College of Pharmacy and Health Sciences  
Long Island University, Brooklyn, NY

*Utilization of Improvisational Activities to Teach Communication Skills in a Pharmacy Lab Course*

- Introduce and guide students through improvisational activities to work on skills including active listening, maintaining appropriate eye contact, beginning and ending the conversation, and realizing that what you say/do is not necessarily what the other person hears/sees
- Evaluate the effectiveness of these interventions using patient counseling assessments
- Podium presentation at the AACP annual meeting in Chicago, July 2019.
- First author on a publication in *Currents in Pharmacy Teaching and Learning*, 2023

**Collaborating Investigator**

2017-2018

Pharmaceutical Sciences  
Arnold & Marie Schwartz College of Pharmacy and Health Sciences  
Long Island University, Brooklyn, NY  
Primary Investigator: Kathleen Frey, Ph.D.

*Molecular Elucidation of HIV Reverse Transcriptase Mutations Against Microbicide NNRTIs in Development*

- Worked with Pharm.D. and M.S. students to express and purify HIV reverse transcriptase
- Developed and led a research Advanced Pharmacy Practice Experience (APPE) in which students learned laboratory techniques as they contributed to an ongoing research project and learned how to read and understand papers from the primary literature
- Poster at the AACP annual meeting in Boston, July 2018
- First author on a publication in *Currents in Pharmacy Teaching and Learning*, 2018

**Postdoctoral Fellow**

2010-2016

Cold Spring Harbor Laboratory, Cold Spring Harbor, NY  
Mentor: Adrian Krainer, Ph.D.

*RNA Splicing Fidelity and the Role of SMG7, UPF1, and SRSF1 in Nonsense Mediated mRNA Decay*

- Developed RNA pulldown assay to identify proteins involved in maintaining RNA splicing fidelity
- Characterized proteins involved in nonsense mediated mRNA decay
- Presented data at scientific meetings and seminars
- Contributed to grant applications and renewals
- Mentored and trained one high school student, one undergraduate student, three graduate students, and one visiting scientist
- Co-author of a publication in *Cell Reports*, 2018

**Postdoctoral Researcher**

2009-2010

**Graduate Student**

2002-2009

The Rockefeller University, New York, NY  
Mentor: Michael Rout, Ph.D.

*Ph.D. Thesis: Biochemical Analysis of the Protein-Protein Interactions Involved in Karyopherin-Mediated Transport Across the Nuclear Pore Complex*

- Determined the importance of non-specific competition in maintaining speed and selectivity of transport through the nuclear pore complex
- Helped develop a synthetic filter that mimics the selectivity of the nuclear pore complex
- Mentored and trained two high school students and one undergraduate student
- Contributed to grant applications and renewals
- Presented scientific data at national and international meetings
- Primary or contributing author of scientific publications published in *Nature*, *eLife*, *Journal of Cell Biology*, *Molecular Cellular Proteomics*, *Cold Spring Harbor Symposium on Quantitative Biology*, and *Journal of Proteome Research*

**Research Assistant**

2002

National Synchrotron Light Source, Brookhaven National Laboratory,  
Upton, NY

Mentor: Lisa Miller, Ph.D.

*Bone composition as a function of age and osteoarthritis severity using FTIR microscopy at NSLS Beamline U10B*

- Used FTIR microscopy to determine the phosphate and carbonate content of bone samples of varying age and osteoarthritis severity
- Co-author of a publication in *Bone*, 2004
- Served as beamline contact for U10B, assisting visiting users working on samples ranging from moon rocks to hair treated with different types of shampoo
- Mentored five high school students
- Presented scientific data at national meetings
- Assisted Dr. Miller with her work as Information and Outreach Coordinator for the NSLS

**Energy Research Undergraduate Laboratory Fellow (ERULF)**

2001

US Department of Energy

National Synchrotron Light Source, Brookhaven National Laboratory,  
Upton, NY

Mentor: Lisa Miller, Ph.D.

*Bone composition as a function of age and osteoarthritis severity using FTIR microscopy at NSLS Beamline U10B*

- Used FTIR microscopy to determine the phosphate and carbonate content of bone samples of varying age and osteoarthritis severity
- Served as beamline contact for U10B
- Mentored two high school students

**Energy Research Undergraduate Laboratory Fellow (ERULF)**

2000

US Department of Energy

National Synchrotron Light Source, Brookhaven National Laboratory,  
Upton, NY

Mentor: Lisa Miller, Ph.D.

*Use of CD and FTIR spectroscopy to study the role of disulfide bridges in protein secondary structure*

- Use CD and FTIR spectroscopy to monitor changes in protein secondary structure as disulfide bridges are reduced
- First author of a publication in *Biochemistry*, 2001
- Mentored one high school student

**Undergraduate / Masters Student Researcher**

2000-2001

Brandeis University, Waltham, MA

Mentors: Dagmar Ringe, Ph.D. and Gregory Petsko, Ph.D.

*The mechanism of metal ion activation of Diphtheria toxin repressor*

- Used X-ray crystallography to determine the mechanism of metal ion activation of the Diphtheria toxin repressor DtxR
- Made protein crystals and analyzed the X-ray data to solve the structure of a mutant version of DtxR with only one metal ion bound
- Co-author of a publication in *Proceedings of the National Academy of Sciences USA*, 2005

**AWARDS AND HONORS**

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**Honorary Member**

2022

Phi Lambda Sigma, Pharmacy Leadership Society  
LIU Pharmacy

**Employer of the Year Award, Senior Internship Program**

2018

Magen David Yeshiva, Brooklyn, NY

**LIU Pharmacy Internal Grant**

2017

Received funding to purchase an autoclave and -80°C freezer

**Postdoctoral Training T32 Program Fellowship**

2012-2015

National Cancer Institute

**Pre-doctoral Fellowship**

2003-2008

Howard Hughes Medical Institute

**John R Segal Memorial Travel Fellowship**

2007

The Rockefeller University

<b>Phi Beta Kappa</b> Brandeis University	2001
<b>Chemistry Department Excellence Award</b> Brandeis University	2001
<b>Energy Research Undergraduate Laboratory Fellowship</b> US Department of Energy Brookhaven National Laboratory	2000, 2001
<b>Schiff Undergraduate Research Fellowship</b> Brandeis University	1999-2000
<b>Presidential Scholarship</b> Brandeis University	1997 - 2001

## PEER-REVIEWED PUBLICATIONS

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(as Jaclyn Tetenbaum, Jaclyn Tetenbaum Novatt, and Jaclyn Tetenbaum-Novatt):

1. **Tetenbaum-Novatt Jaclyn** (2024) Creosote. In: [Wexler], [Phillip] (ed.) *Encyclopedia of Toxicology 4th Edition*, Vol. [3], Oxford: Elsevier, pp. 299-302.
2. **Tetenbaum-Novatt Jaclyn** (2024) Difluoroethylene, 1,1-. In: [Wexler], [Phillip] (ed.) *Encyclopedia of Toxicology 4th Edition*, Vol. [3], Oxford: Elsevier, pp. 759-763.
3. Addo-Atuah, J., Fuchs, H., **Tetenbaum-Novatt, J.**, & Jeger, A. M. (2023). Making a Case for Faculty Advisor-Advisee Concordant Pairs. *American Journal of Pharmaceutical Education*, 87(12), 100138. <https://doi.org/10.1016/j.ajpe.2023.100138>
4. **Tetenbaum-Novatt, J. E.**, Alexander, A.J. (2023) Connecting improvisational exercises and pharmacy communication skills: A How-to Guide. *Currents in Pharmacy Teaching and Learning*. Feb;15(2):201-210. doi: 10.1016/j.cptl.2023.02.027. Epub 2023 Mar 27.
5. Kinney, S., Janzen, K.M., Shields, K.M., **Tetenbaum-Novatt, J.**, Mandal, M., Owens, R.E., Seeger, C.M., Smith, S., Tran, E., Wagner, J.L., Zitko, K., Kinney, J., Eiland, L.S. (2023) Mentorship Landscape and Common Practices in an Academic Pharmacy Association. *American Journal of Pharmacy Education*. 87(5):100049. doi: 10.1016/j.ajpe.2022.10.010. Epub 2023 Mar 15.
6. **Tetenbaum-Novatt, J. E.**, Lonie, J. M., Elkowitz, D. E., & Frey, K. M. (2018). A novel learning approach to pharmaceutical sciences research in a pharmacy research advanced pharmacy

practice experience (APPE) elective course. *Currents in Pharmacy Teaching & Learning*, 10(11), 1529–1540. <https://doi.org/10.1016/j.cptl.2018.08.015>

7. Aznarez, I., Nomakuchi, T. T., **Tetenbaum-Novatt, J.**, Rahman, M. A., Fregoso, O., Rees, H., & Krainer, A. R. (2018). Mechanism of nonsense-mediated mRNA decay stimulation by splicing factor SRSF1. *Cell Reports*, 23(7), 2186–2198. <https://doi.org/10.1016/j.celrep.2018.04.039>
8. Hough, L. E., Dutta, K., Sparks, S., Temel, D. B., Kamal, A., **Tetenbaum-Novatt, J.**, Rout, M. P., & Cowburn, D. (2015). The molecular mechanism of nuclear transport revealed by atomic-scale measurements. *eLife*, 4, e10027. <https://doi.org/10.7554/eLife.10027>
9. **Tetenbaum-Novatt, J.**, Hough, L. E., Mironska, R., McKenney, A. S., & Rout, M. P. (2012). Nucleocytoplasmic transport: a role for nonspecific competition in karyopherin-nucleoporin interactions. *Molecular & Cellular Proteomics : MCP*, 11(5), 31–46. <https://doi.org/10.1074/mcp.M111.013656>
10. **Tetenbaum-Novatt, J.**, & Rout, M. P. (2010). The mechanism of nucleocytoplasmic transport through the nuclear pore complex. *Cold Spring Harbor Symposia on Quantitative Biology*, 75, 567–584. <https://doi.org/10.1101/sqb.2010.75.033>
11. Jovanovic-Talisman, T., **Tetenbaum-Novatt, J.**, McKenney, A. S., Zilman, A., Peters, R., Rout, M. P., & Chait, B. T. (2009). Artificial nanopores that mimic the transport selectivity of the nuclear pore complex. *Nature*, 457(7232), 1023–1027. <https://doi.org/10.1038/nature07600>
12. Timney, B. L., **Tetenbaum-Novatt, J.**, Agate, D. S., Williams, R., Zhang, W., Chait, B. T., & Rout, M. P. (2006). Simple kinetic relationships and nonspecific competition govern nuclear import rates in vivo. *The Journal of Cell Biology*, 175(4), 579–593. <https://doi.org/10.1083/jcb.200608141>
13. D'Aquino, J. A., **Tetenbaum-Novatt, J.**, White, A., Berkovitch, F., & Ringe, D. (2005). Mechanism of metal ion activation of the diphtheria toxin repressor DtxR. *Proceedings of the National Academy of Sciences of the United States of America*, 102(51), 18408–18413. <https://doi.org/10.1073/pnas.0500908102>
14. Strambio-de-Castillia, C., **Tetenbaum-Novatt, J.**, Imai, B. S., Chait, B. T., & Rout, M. P. (2005). A method for the rapid and efficient elution of native affinity-purified protein A tagged complexes. *Journal of Proteome Research*, 4(6), 2250–2256. <https://doi.org/10.1021/pr0501517>
15. Miller, L. M., **Novatt, J. T.**, Hamerman, D., & Carlson, C. S. (2004). Alterations in mineral composition observed in osteoarthritic joints of cynomolgus monkeys. *Bone*, 35(2), 498–506. <https://doi.org/10.1016/j.bone.2004.03.034>
16. **Tetenbaum, J.**, & Miller, L. M. (2001). A new spectroscopic approach to examining the role of disulfide bonds in the structure and unfolding of soybean trypsin inhibitor. *Biochemistry*, 40(40), 12215–12219. <https://doi.org/10.1021/bi010796u>

## SCIENTIFIC PRESENTATIONS AND COMMUNICATIONS

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### Conference Presentations

1. Micro Session, AACP Annual Meeting, Denver, CO. 2023  
*"No One is an Island: Utilizing University Resources for Remediation."*  
**Jaclyn Novatt**
2. Special Session, AACP Annual Meeting, Long Beach, CA 2020  
*"Best Practices for Developing Effective AACP Mentoring Programs and Relationships for Pharmacy Faculty"*  
Shannon Kinney, Lea S. Eiland, Diane M. Calinski, Manas Mandal, **Jaclyn Novatt**, Laura M. Borgelt, Kamila A. Dell, Susan E. Smith
3. Special Session, AACP Annual Meeting, Chicago, IL 2019  
*"Using the Arts and Humanities to Develop and Enhance Student Communication Skills and Empathy"*  
**Jaclyn Novatt**, Vibhuti Arya, Sarah Shrader, Akash J. Alexander, Susan M. Meyer, Paul L. Ranelli
4. Special Session, AACP Annual Meeting, Chicago, IL 2019  
*"Thoughtful Approaches to Changing Cultures and Supporting Student Mental Health through Prevention, Identification, and Response"*  
Jane Shtaynberg, Steven C. Stoner, **Jaclyn Novatt**, Diana Tamer

### Invited Talks

1. Professional Development Series, The Rockefeller University, New York, NY 2019  
*Involving Undergraduate and Professional Students in Research.*
2. Professional Development Workshop, Cold Spring Harbor Laboratory, Cold Spring Harbor, NY 2019  
*Applying for Academic Jobs: The Teaching Statement*
3. Natural Science Seminar Series, York College, City University of New York, Jamaica, NY 2018  
*From Petri Dish to Pharmacy, the Story of Spinraza*

4. Eastern Long Island Mini Maker Faire, Port Jefferson, NY *“Science Café” – From Petri Dish to Pharmacy, the Story of Spinraza* 2017
5. Science Advocacy of Long Island – *“Ask a Scientist”* Panel, Commack, NY 2017
6. Biology, Chemistry, and Environmental Sciences Department, Molloy College, Rockville Center, NY *mRNA Splicing – How Do Our Cells Edit mRNA Properly?* 2014
7. Basic Sciences Department, NYIT, Old Westbury, NY *Cellular Bouncers – Artificial Nanopores that Mimic the Selectivity of the NPC* 2013
8. Dolan DNA Learning Center, Cold Spring Harbor, NY *Cellular Bouncers – Artificial Nanopores that Mimic the Selectivity of the NPC* 2013
9. Chemistry Department, York College, CUNY, New York, NY *Cellular Bouncers – Artificial Nanopores that Mimic the Selectivity of the NPC* 2011
10. Mount Sinai Hospital, New York, NY *Cellular Bouncers – Artificial Nanopores that Mimic the Selectivity of the NPC* 2010
11. The New School University, New York, NY *Cellular Bouncers – Artificial Nanopores that Mimic the Selectivity of the NPC* 2009

### **Select Poster Presentations**

**(unless otherwise indicated, I was the presenting author)**

1. American Association of Colleges of Pharmacy Annual Meeting, Grapevine Texas 2022  
*Bridging the gaps between diversity, equity, inclusion, anti-racism and education at an urban College of Pharmacy*  
(Presented by Dr. Brooke Fidler)
2. American Association of Colleges of Pharmacy Annual Meeting, Grapevine Texas 2022  
*The Impact of the COVID 19 Pandemic on the Mental Health of Pharmacy Students*



3. American Association of Colleges of Pharmacy Virtual Annual Meeting 2021  
*What Factors Impact Students' Selection of Elective Courses?*  
(Presented by Dr. Anna Nogid)
4. American Association of Colleges of Pharmacy Virtual Annual Meeting 2021  
*Doctor of Pharmacy Program Adaptations Amidst a Pandemic in NYC: Lessons Learned*  
(Presented by Dr. Elaine Wong)
5. American Association of Colleges of Pharmacy Virtual Annual Meeting 2020  
*Using Prerequisite Course Outcomes to Predict Academic Underperformance in Pharm.D. Students*  
(Presented by Dr. Phyllis Stone)
6. American Association of Colleges of Pharmacy Annual Meeting Boston, MA 2018  
*"I want to do research!!! Wait . . . . What is research?" – PharmD candidate*
7. Long Island University Discovery Day, Brooklyn, NY 2017  
*Incorporating Student-Centered Learning into Research Advanced Pharmacy Practice Experiences (APPEs)*
8. Eukaryotic mRNA Processing Meeting, Cold Spring Harbor, NY 2015  
*Characterization of SMG7 Alternative Splicing in Cancer*
9. 75<sup>th</sup> Annual Cold Spring Harbor Symposium on Quantitative Biology, Cold Spring Harbor, NY 2010  
*Studying the Nature of Interactions Between Karyopherins, Cargo, and the NPC*
10. Gordon Research Conference – Protein Transport Across Cellular Membranes, Il Ciocco, Italy 2007  
*Studying the Nature of Interactions Between Karyopherins, Cargo, and the NPC*
11. Gordon Research Conference – Signal Transduction Within the Nucleus, Ventura, CA 2007  
*Studying the Nature of Interactions Between Karyopherins, Cargo, and the NPC*
12. Dynamic Organization of Nuclear Function Meeting, Cold Spring Harbor, NY 2006  
*Studying the Nature of Interactions Between Karyopherins, Cargo, and the NPC*

13. FASEB ASBMB Meeting, San Diego, CA 2005  
*Studying the Nature of Interactions Between Karyopherins, Cargo, and the NPC*

## **OTHER EXPERIENCES**

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**Volunteer Reviewer / Consulting Editor** 2009-2018  
Science Activities,  
Taylor and Francis Group, Abingdon, Oxfordshire, UK

*Science Activities provides K-12 teachers and educators with novel classroom-tested projects, experiments, and curriculum ideas that promote science and inquiry through active learning experiences.*

- Reviewed manuscripts submitted by teachers describing activities for science classrooms from kindergarten through high school. Helped to ensure scientific accuracy and determine eligibility for publication

**Volunteer Judge** 2011-2012  
Long Island Science and Engineering Fair, Plainview 2014-2016

- Evaluated student projects in biochemistry or cell and molecular biology based on posters and discussions with the students. Selected winners of the fair who moved on to the International Science and Engineering Fair.