Oncology Fellowship Program
2020 – 2022

Northeastern University
Pharmaceutical Industry Fellowships
All fellowship positions will be based in Waltham, MA office.
Oncology at GSK

Who We Are

A science-led global healthcare company committed to helping those affected by cancer do more, feel better, live longer. Our work in Oncology is focused on maximizing patient survival by delivering transformational medicines.

We have a proud history of more than 300 years helping billions of people around the world. Our goal is to be one of the world’s most innovative, best performing and trusted healthcare companies.

Our Global Footprint

- State of the art R&D centers at 5 global sites including Upper Providence, Pennsylvania and Stevenage, UK
- Corporate offices located in Pennsylvania and Massachusetts, USA
- Robust manufacturing operation at 4 global sites, including Rockville, Maryland, Parma, Italy, and Upper Merion, Pennsylvania, all executing the highest standards for safety and quality and equipped with the technology to support the next generation of medicines

Our Patient Focus

We are committed to maximizing patient survival through transformational medicines to help those affected by cancer. We believe in making cure a possibility for all.

From research and trials to our marketed product for ovarian cancer and beyond, patients are our partners and priority. We never lose sight of the fact that patients are at the core of what we do.

We are actively seeking input and feedback from the patient and scientific communities to ensure the therapies we are developing are providing solutions for unmet needs.

We are passionate in our pursuit of innovative and effective treatments and believe in leveraging the power of patient-driven science and technology.
R&D and the Oncology Pipeline

We aim to deliver a sustainable flow of innovative treatments at the forefront of the industry utilizing modalities of small molecules, antibodies, antibody drug conjugates and cells, either alone or in combination.

To strengthen our pipeline and deliver the next generation of medicines, we are embedding a new approach to R&D. This approach focuses on science related to the immune system, the use of human genetics, and advanced technologies.

We have significantly progressed our oncology pipeline by doubling the number of assets in clinical development to 17.

Globally in 2018, we invested $5 billion in R&D, spanning areas core to our business and expanding our research in oncology.

Through research in therapies for:
- multiple myeloma
- ovarian cancer
- endometrial cancer
- advanced non-small cell lung cancer
- biliary tract cancer and others

We are developing solutions for unmet needs that move us towards the goal of maximizing patient survival and quality of life.

In the coming months, we expect major data readouts on several new medicines and pivotal data from several oncology assets.

Our Values and Expectations

Our values and expectations are at the heart of everything we do and help define our culture – so that together we can deliver extraordinary things for our patients and consumers and make GSK a brilliant place to work.

Why We Do It

To help people do more, feel better, live longer
Our aim is to maximize survival through transformational medicines and combinations.

GSK Oncology Pipeline

- Cancer epigenetics
- Synthetic Lethality
- Immuno-oncology
- Cell therapy

- PD-1 antagonist
- Anti-BCMA ADC
- TGF-beta trap/PD-L1 antagonist
- ICOS agonist
- NY-ESO-1 ImmTAC®

- PARP inhibitor
- BET inhibitor
- PRMT5 inhibitor
- PI3K-β inhibitor
- Type 1 PRMT inhibitor

- TIM-3 antagonist
- RIPK1 inhibitor
- OX40 agonist
- LAG-3 antagonist
- TLR4 agonist
- STING agonist

- NY-ESO-1 TCR T cells
Global Medical Affairs
Global Medical Information Fellowship — Actively Recruiting: 1 Fellow

Program Overview:
The Global Medical Information Fellow will be immersed in all Global Medical Affairs activities with a primary focus in Global Medical Information. The fellow will have an initial 12-month rotation with the Global Medical Information team followed by 3-month rotations available in various Global Medical Affairs functions as shown on the right:

Example Fellow Responsibilities:
• Develop cross-functional relationships across the organization through implementation of the Global Medical Strategy
• Develop medical standard response letters, slide decks, and infographics for both internal and external stakeholders
• Provide medical review support of medical and promotional materials for copy approval
• Develop pre-and post-authorization payer dossiers and submissions to compendia
• Attend major medical congresses, including ASHP, SITC, SGO, ASH, ASCO; attend sessions and medical education symposia and provide summary and insight reports; engage with healthcare practitioners at scientific booths

Global Medical Information Fellows:
Kunal Sunthankar, PharmD, MBA
2nd Year Fellow
University of Kentucky

David Olczuk, PharmD
1st Year Fellow
Western New England University

Fellowship Program Director and Global Medical Information Preceptor:
Noelle Wilson, PharmD
Noelle currently serves as a Director of Global Medical Information and also led the creation of the Oncology Fellowship Program in 2018. Noelle has extensive experience within Medical Information at various pharmaceutical companies and continues to precept and mentor students and fellows across Global Medical Affairs. Noelle received her PharmD from Northeastern University.
Example Fellow Responsibilities:

- Assists in the creation of the global communication asset specific strategy and strategic publication plan for responsible assets in accordance with the global medical strategy.
- Accountable for overall medical training plan and oversight and delivery of all internal training materials for MSL/Medical Affairs use; partners with MSL teams to gather insights for strategic feedback and improvement.
- Disseminates internally up to date scientific data across oncology assets and disease states including recent publications, landscape, insights, presentations, study specific information, and scientific statements.
- Assists in the development and execution of innovative tools for internal and external communication including digital/social medical delivery.
- Ensures the creation of tools for advisory boards, medical booths and externally facing meetings.

Program Overview:
The Global Scientific Communications Fellow will join the Global Scientific Communications team for a two-year commitment, where they will be immersed in all Global Medical Affairs activities. The focus of the fellowship will be in Scientific Communications with an initial 6-month rotation with the Global Scientific Communications team followed by 3-month rotations available in various Global Medical Affairs functions as shown on the left. The remaining six months of the fellowship will be fully dedicated to Scientific Communications activities.
Global Medical Affairs Fellowship Team

Tania Small, MD
Vice President, Oncology Global Medical Affairs

Tania oversees all aspects of medical affairs for oncology. She joined GSK in 2018 from Ipsen Bioscience, where she was Vice President of Oncology Global Drug Development. She previously served as senior medical director for clinical development and medical affairs at Novartis. A board-certified pediatrician, Tania is a pediatric hematology, oncology and bone marrow transplant specialist with deep experience in clinical research and drug development. She has done research in oncology, hematology, gene therapy and stem cell transplantation, receiving NIH grants for her translational research in gene therapy and regenerative medicine. Not only has Tania successfully led the launch programs of oncology therapies, she has led many patient-centered and diversity initiatives. She is passionate about revolutionizing the experience and outcomes for people with cancer and will continue driving innovative approaches to research and development until we get there.

Alex Bernal, PhD
Director, Global Scientific Communications

Alex oversees the Global Scientific Communication strategic plans, platforms, and execution for niraparib within Global Medical Affairs. Alex received his PhD from the Weill Cornell Graduate School of Medical Sciences with a focus on immunology. Alex then continued his career as a post-doctoral research fellow within the vascular research team at Johnson & Johnson Pharmaceutical Research and Development. Prior to joining GSK, Alex was part of the executive leadership team and the Global Therapy Lead in Oncology for ApotheCom, where he had a focus in strategic consultation and tactical execution in support of all medical affairs initiatives. Alex brings many years of experience in various roles to help mentor and precept future fellows.

Jim Sterchele, BS Pharm, PharmD
Head of Oncology Global Medical Information

Jim currently leads strategy for the Global Oncology Medical Information team. Jim has extensive experience in Medical Affairs and has held many leadership roles across disease states and products including oncology and vaccines. Jim has previously worked with multiple pharmaceutical companies and brings an immense amount of industry knowledge to help mentor our fellows through the Global Medical Information Fellowship.
Global Regulatory Affairs

Global Regulatory Affairs Fellowship — Actively Recruiting: 1 Fellow

Program Overview:
The Global Regulatory Affairs Fellow will be primarily focused in Regulatory Strategy, with 3-month rotations available in various regulatory functions. Rotations will be scheduled during periods of high activity in the group in order to enhance the fellow’s experience. In the second year, the fellow may also have the optional opportunity to spend up to 3 months in various regulatory functions shown on the left:

Example Fellow Responsibilities:
- Understand the regulatory submission process and assume responsibility for the submission of documents
- Support the planning, development, review, and approval of regulatory documents for health authority submission
- Assist with the preparation of initial investigational new drug applications, annual reports and amendments
- Provide regulatory guidance in support of global clinical trials and the preparation/submission of regulatory documentation
- Participate in activities related to health authority interactions
- Apply learning to communicate regulatory risks and updates, and to resolve action items at cross-functional meetings

Global Regulatory Affairs Fellow:
Catherine Feng, PharmD
1st Year Fellow
University of North Carolina
Chapel Hill

Global Regulatory Affairs Fellowship Preceptor:
Irene Darras, PharmD
Senior Manager, Global Regulatory Affairs
Irene is part of the Global Regulatory Strategy group. In her current role, Irene supports the planning and execution of the global regulatory strategy and currently serves as the primary preceptor for the Global Regulatory Affairs fellowship. Irene previously completed a two-year post-doctoral fellowship in Global Regulatory Affairs at Bayer HealthCare. At Bayer, she led the development and regulatory submissions of multiple oncology assets. Irene received her PharmD from MCPHS University in Boston, MA.
Irache Visiers, PhD  
Senior Director, Global Regulatory Affairs, Immuno-Oncology  
Irache is a Global Regulatory Lead in the Global Regulatory Strategy group. After obtaining her PhD in Organic and Medicinal Chemistry, Irache spent time as a post-doctoral fellow in the Physiology and Biophysics department at Mount Sinai Hospital, transitioning into a Computational Chemist role in industry before transitioning to regulatory affairs. Irache has worked in small, medium, and large companies in the Cambridge/Boston area for over 17 years. She has worked on the regulatory strategy of oncology projects at different stages of development, from early IND to post-approval.

Kevin Hollister, MS, MBA  
Senior Director, Regulatory Affairs Advertising and Promotion  
Kevin leads the Global Advertising and Promotion function within Regulatory Affairs. This function entails working cross-functionally with groups such as legal, medical affairs, marketing, and corporate communications, in the creation and dissemination of information about the company, the disease states studied, and the products that are developed and marketed. After graduating from the University of California, San Diego. Kevin began his career as a molecular biologist at a research center in Southern California and then transitioned into regulatory affairs. Since then, he has worked in various regulatory affairs functions for several pharmaceutical and biotech companies.

Kate Ho, PharmD  
Senior Manager, Regulatory Affairs Advertising and Promotion  
Kate is part of the Regulatory Affairs, Advertising and Promotion team. In her role, she helps to create and disseminate meaningful product information that is truthful and accurate as well as furthers the mission of the company. Kate previously completed a two-year post-doctoral fellowship in Regulatory Sciences, Advertising and Promotion at Biogen where she gained experience working on advertising, promotion and labeling, from a regulatory perspective. Kate also worked in both medical and marketing roles during her fellowship. Kate earned her PharmD degree from Purdue University.
Northeastern University is a global, experiential, research university built on a tradition of engagement with the world, creating a distinctive approach to education and research. At Northeastern, we encourage our students to become engaged, confident, and resourceful global citizens who realize their knowledge and actions have a far-reaching impact. Students ignite their passion for learning and are exposed to the endless possibilities around them through transformative experiential education.

The Northeastern University Fellowship Program provides a dynamic academic environment offering fellows the opportunity for a wide breadth of experiences:

- Develop teaching skills through participation in our Teaching and Learning Seminar series
- Facilitate small and large group didactic education in partnership with a faculty mentor
- Utilize a layered learning model in experiential education by co-precepting students on pharmacy practice experiences including Northeastern’s unique co-op program
- Create, present, and publish scholarly research through collaborative industry and university relationships
- Engage with faculty who participate in various interdisciplinary graduate programs including biotechnology, nanomedicine, immunology, health informatics, and drug discovery
- Network with local residents and other Northeastern fellows via professional development programs, teaching seminars, and participation on fellowship committees

Andrew Orr-Skirvin  
Department Chair, Associate Clinical Professor & Fellowship Program Director

Debra Copeland  
Associate Clinical Professor & Fellowship Program Preceptor

Michael Gonyea  
Clinical Professor & Fellowship Program Preceptor

Mark Douglass  
Associate Clinical Professor & Fellowship Program Preceptor

Tayla Rose  
Assistant Clinical Professor & Fellowship Program Preceptor

Elizabeth Machart  
Fellowship Program Administrator

NUfellowship.com
CURRENT PARTNERS OF THE NORTHEASTERN UNIVERSITY FELLOWSHIP PROGRAM

Through these exciting partnerships, Northeastern fellows collaborate and learn from each other, further positioning them to be successful in both academic and industry settings. Fellows are empowered to shape their experience, as well as the future of the program, through leadership on the Professional Development & Networking and Recruitment committees.

Life in Boston

Northeastern University is in the heart of Boston, steps away from the famous Fenway Park and downtown Boston. Surrounded by top tier academic and research institutions, the area is home to pioneers of innovation who are committed to intellectual curiosity and scientific advancement. The greater Boston area is a cultural hub, offering world-class attractions and rich history.
Fellows will be selected on a nationally competitive basis. All candidates must have a Doctor of Pharmacy degree from an ACPE-accredited college of pharmacy by June 30, 2020. Candidates are encouraged to apply through the Northeastern website by the priority application deadline of **December 1, 2019**. Please see the graphic below for more information on the application process.

### Application Process

**Launch your post-graduate career. Apply now!**

**Application Materials:**
- Complete application by December 1, 2019 for priority consideration for an ASHP Midyear PPS interview
- Applications are reviewed on a rolling basis - apply early!

**Application Process Graphic:**

1. **Rolling Application**
   - October: Phone interviews
   - November
   - December
   - January
   - **Priority Application Deadline:** December 1, 2019

2. **Phone Interviews**
   - ASHP Midyear 12/9-12/17
   - **Step 3: ASHP Midyear**
     - Phone interviews will be conducted with eligible candidates prior to ASHP Midyear
     - Interviews: Invitations to the NU Fellowship ASHP Midyear Reception will be extended following interviews
   - **Step 4: Onsite Interviews**
     - Post-Midyear

**Step 1: APPLICATION**
- Complete application by December 1, 2019 for priority consideration for an ASHP Midyear PPS interview
- Applications are reviewed on a rolling basis - apply early!

**Step 2: PHONE INTERVIEWS**
- Phone interviews will be conducted with eligible candidates prior to ASHP Midyear
- Phone interviews will be offered on a rolling basis after receipt of application materials

**Step 3: ASHP MIDYEAR**
- PPS interviews will be conducted with competitive candidates at ASHP Midyear
- Invitations to the NU Fellowship ASHP Midyear Reception will be extended following interviews

**Step 4: ONSITE INTERVIEWS**
- Candidates who have successfully moved through the interview process will interview exists in Boston at Northeastern and at the sponsor company's offices

**3 Letters of Recommendation:**
- Due December 13, 2019
- Email to PharmDFellowships@northeastern.edu

### QUESTIONS?

For more information and to apply:

Visit: NUfellowship.com
Email: PharmDFellowships@northeastern.edu

Address your cover letter and three letters of recommendation to:

**J. Andrew Orr-Skirvin, Pharm.D., BCOP**
Associate Department Chair, Department of Pharmacy & Health System Sciences
Pharmaceutical Industry Fellowship Program Director
Bouvé College of Health Sciences
360 Huntington Ave
140 The Fenway, R218
Boston, MA 02115

Email letters of recommendation to PharmDFellowships@northeastern.edu

Apply at NUfellowship.com