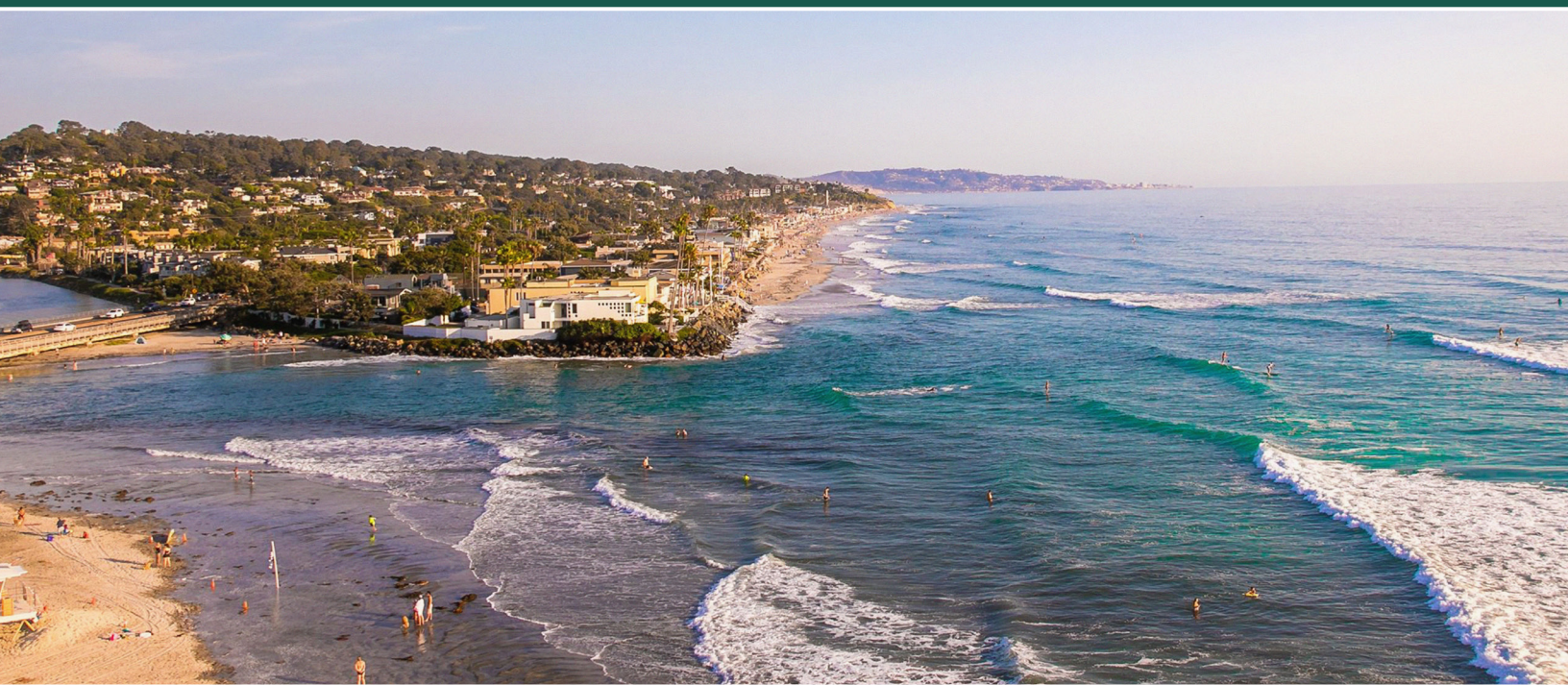


USC-Neurocrine Biosciences POSTDOCTORAL FELLOWSHIP PROGRAM 2024-2026



IN PARTNERSHIP WITH

USCMann

Alfred E. Mann School of Pharmacy
and Pharmaceutical Sciences

About Neurocrine Biosciences

Neurocrine Biosciences® is a leading neuroscience-focused biopharmaceutical company with a simple purpose: to relieve suffering for people with great needs, but few options.

Neurocrine is dedicated to discovering and developing life-changing treatments for patients with under-addressed neurological, neuroendocrine, and neuropsychiatric disorders. The company's diverse portfolio includes U.S. Food and Drug Administration (FDA)-approved treatments for tardive dyskinesia, Parkinson's disease, endometriosis*, and uterine fibroids*, as well as clinical programs in multiple therapeutic areas. For three decades, Neurocrine has applied its unique insight into neuroscience and the interconnections between brain and body systems to treat complex conditions. The company relentlessly pursues development of medicines to ease the burden of debilitating diseases and disorders.

*in collaboration with AbbVie



About USC Alfred E. Mann School of Pharmacy and Pharmaceutical Sciences

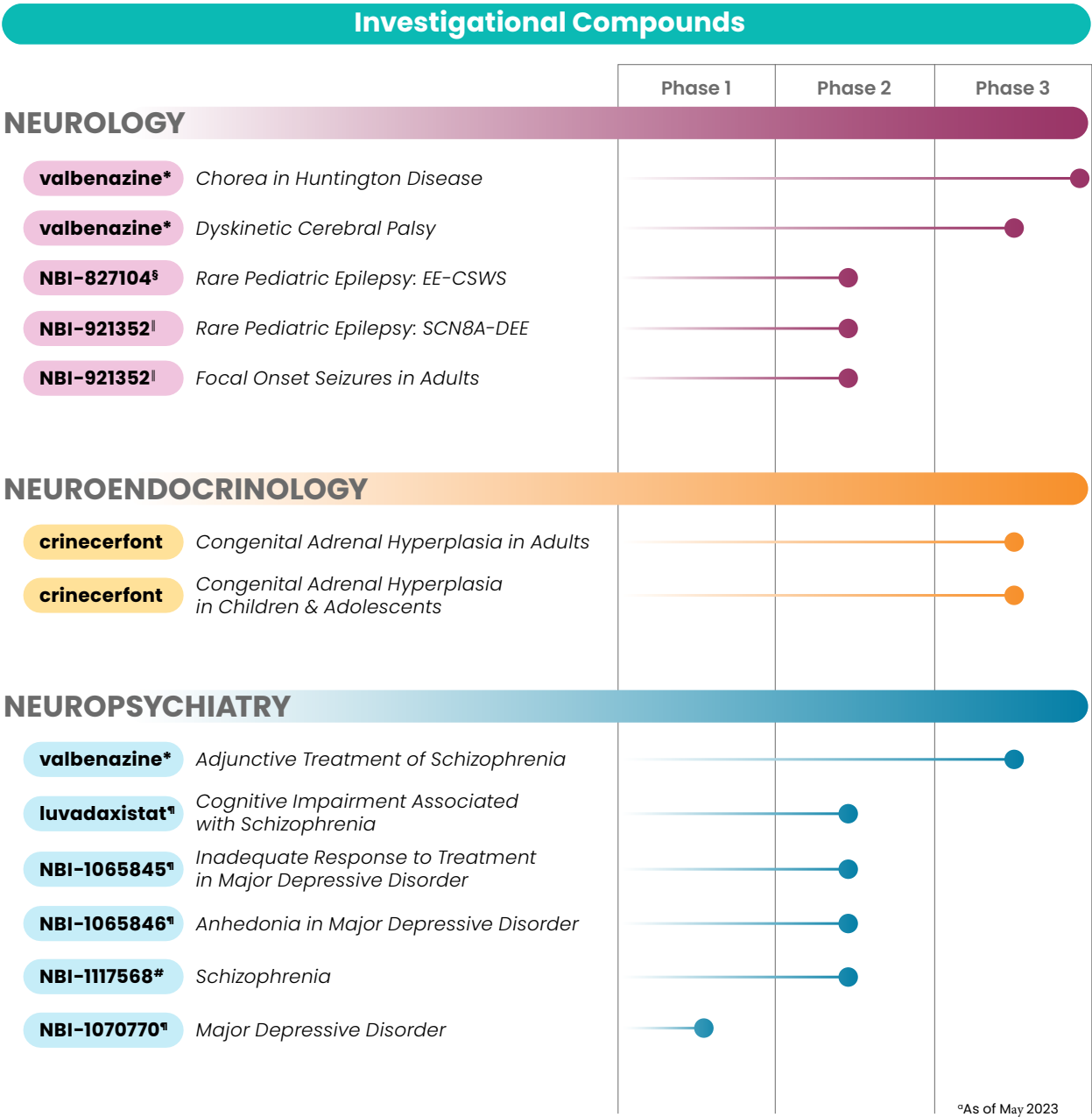
The USC Alfred E. Mann School of Pharmacy and Pharmaceutical Sciences is the only private pharmacy school on a major health sciences campus, which includes the Keck School of Medicine, Keck Hospital of USC and the USC Norris Comprehensive Cancer Center and is immediately adjacent to the LAC+USC Medical Center, one of the largest public hospitals in the country.

Ranked by US News and World Report as a top ten pharmacy school nationwide and #1 among private schools.

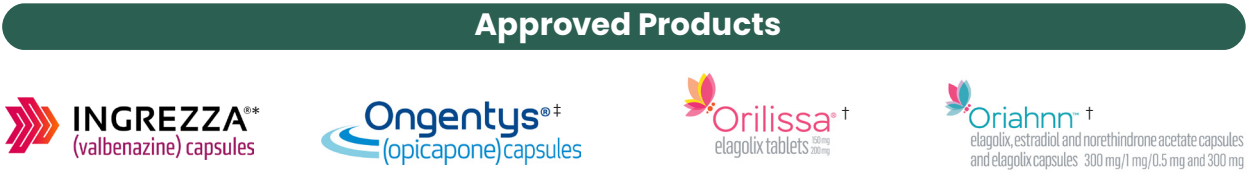
The USC Alfred E. Mann School of Pharmacy and Pharmaceutical Sciences is recognized for its century-old reputation for innovation in pharmaceutical education, clinical practice, and research. The School uniquely spans the entire spectrum of pharmaceutical development and clinical care – from drug discovery to regulatory approaches that promote safety and innovation, and from delivery of patient care services to evaluating the impact of care on patient outcomes and costs.



Neurocrine Clinical Pipeline^a



^aAs of May 2023



EE-CSWS = Epileptic Encephalopathy with Continuous Spike-and-Wave During Sleep
SCN8A-DEE = SCN8A Developmental and Epileptic Encephalopathy Syndrome
Neurocrine Biosciences has global rights unless otherwise noted. Neurocrine Biosciences has commercial rights to Ongentys in the U.S. and Canada and shares profits and losses on NBI-1065845 and NBI-1065846 with Takeda Pharmaceutical Company Limited.
*Mitsubishi Tanabe Pharma Corporation (MTPC) has commercialization rights in Japan and other select Asian markets. ‡ Under license from Bial.
† AbbVie has global commercialization rights. § Licensed from Idorsia Ltd. ¶ Licensed from Xenon Pharmaceuticals, Inc.
¶ Licensed from Takeda Pharmaceutical Company Limited. # Licensed from Sosei Heptares.

Letter from the Neurocrine Directors

Dear Candidates,

As you consider the next chapter in your professional career, we would like to thank you for your interest in exploring our USC-Neurocrine Biosciences Industry Fellowships. The growing biopharmaceutical industry provides an incredible opportunity for those looking for a diverse and engaging profession.

As founders and directors of the fellowship program here at Neurocrine, we are committed to providing experiences that will help shape the future leaders in Medical and Regulatory Affairs. To guide and prepare our fellows for a career in industry, our program offers a wealth of mentorship, diverse training, and numerous opportunities within the core medical and regulatory functions. Our fellows become part of our team. They will contribute to multidisciplinary groups and build relationships across various departments and functions. Moreover, we have seasoned preceptors and the support of a company committed to its employees and the patients we serve. Our culture of integrity, innovation, inclusiveness, and collaboration creates an atmosphere which promotes amazing opportunities for our employees and fellows. By working together, we are committed to focusing on improving more lives of patients through a strong and expanding pipeline, a growing workforce, supporting our local community, and staying passionate about our science. This is an exciting time at Neurocrine!

Best of luck as you explore the different opportunities available to you, and we strongly encourage you to consider our Fellowship. On behalf of Neurocrine, we wish you much success in finding the program that is the best for you.

Sincerely,

Paul Minne, PharmD
Field Medical,
Senior MSL Director

Khody Farahmand, PharmD
Medical Communications,
Executive Director

Darshna Patel
Regulatory Affairs Strategy,
Executive Director

At Neurocrine Biosciences we pride ourselves on having a strong, inclusive and positive culture based on our shared mission and values.

Meet the Fellowship Preceptors



Medical Communications Fellowship Preceptor
Mai Ono, PharmD

Mai Ono is a member of the Medical Information and Content Strategy team and supports the therapeutic area of tardive dyskinesia. In this role, she is involved in the strategic development of medical content and delivers fair and scientifically balanced responses to medical information inquiries. Before starting this role, Mai completed a Medical Communications Fellowship with USC and Neurocrine in 2022. Mai received her BS in Biopsychology from UC Santa Barbara and her PharmD from UC San Francisco.



Field Medical Affairs Fellowship Preceptor
Stephanie Yin, PharmD, RPh

Stephanie Yin is a Psychiatry Medical Science Liaison for the South Central region. In this role, she interacts with Key Opinion Leaders on the forefront of psychopharmacology, providing them with medical education, scientific exchange, and clinical trial/investigator-initiated trial support. She also works cross-functionally with internal key stakeholders to deliver on projects and initiatives that support the drug life cycle and medical strategy. Stephanie received both her BS in Human Development and Family Sciences with a focus on Personal Relationships and her PharmD from The University of Texas at Austin. Prior to Neurocrine, she completed a global medical affairs fellowship and worked as an MSL in Alzheimer's Disease and in Aesthetic Dermatology.



Regulatory Affairs Fellowship Preceptor
Valmik Doshi, MS RAHP

Valmik Doshi is the US Regulatory Lead for Neurocrine's clinical stage schizophrenia disease compounds. In his role, he leads and participates in the development and execution of US and Global regulatory strategies in conjunction with Global Regulatory Leads and cross-functional team members. Prior to joining Neurocrine, Valmik spent 8+ years in regulatory affairs at various biopharmaceutical companies, and has worked within CNS and Oncology therapeutic areas. Valmik has a BS in Pharmacy and received his MS in Drug Regulatory Affairs and Health Policies from the Massachusetts College of Pharmacy and Health Sciences, Boston.



Medical Education and Training Fellowship Preceptor
Danielle Wiley, PharmD

Danielle Wiley is the Senior Manager for Medical Affairs Training at Neurocrine Biosciences. Danielle enjoys working in the Medical Affairs Training Department where she plays an integral role in scientific content creation, onboarding, learning retention and innovation, as well as sales training support. She obtained her PharmD from Texas Southern University and completed a Community Pharmacy Practice Residency with the University of Houston. Upon completion, Danielle began her career in academia at Texas Southern University before transitioning to the pharmaceutical industry, where she enjoyed working as a pharmaceutical sales representative and an MSL before finding her passion in training.

Current Fellows



“As the Medical Communications fellow at Neurocrine, I am provided with numerous resources and opportunities to make valuable contributions within my team. Not only am I able to develop strong skills in Content Development and Medical Information, I am also exposed to various cross-functional teams for more comprehensive learning. The collaborative atmosphere has allowed me to expand my network and fueled my passion for delivering accurate and accessible information. With my mentors’ ongoing commitment to my professional and personal growth, I am confident I will have the necessary skills to emerge as a prospective leader in Medical Communications post-fellowship.”

- **Jessica Barbery, PharmD**
Medical Communications Fellow, 2023-2024



“In my role as the Neurocrine Field Medical Affairs/MSL fellow, I’ve had the privilege to enhance my knowledge and forge significant professional connections. The guidance and encouragement from my mentors and team members, coupled with the diverse range of projects and opportunities, enable me to receive a comprehensive learning experience that aligns perfectly with my interests. This fellowship opens up numerous avenues for cross-functional work and fruitful collaborations with colleagues across the organization, and provides me with the necessary tools to build a prosperous career as an MSL.”

- **Wendy Caba Piloto, PharmD, RPh**
Field Medical Affairs Fellow, 2023-2025



“The Regulatory Affairs Fellowship at Neurocrine has awarded me the opportunity to dive deep into the responsibilities of a regulatory affairs professional. This fast-paced program has given me the tools that I need to continue to grow in my career. The chance to work across multiple functions within regulatory affairs allows insight into how Strategy, Operations, CMC, and Advertising and Promotion all work together to give patients access to new medications. I am grateful to be a part of a team that is dedicated to providing me with the resources and experiences that I need to grow personally and professionally.”

- **Sydney Kirkpatrick, PharmD**
Regulatory Affairs Fellow, 2023-2024



“Being the inaugural Medical Affairs Training fellow at Neurocrine has been an extraordinary privilege. This incredible program has provided me with unparalleled opportunities to engage in cross-functional projects with numerous industry professionals. This fellowship has helped me develop a deep understanding of the critical role medical affairs plays in advancing patient care. The collaborative, dynamic, and welcoming environment at Neurocrine has nurtured my passion for healthcare and has provided me with the skills to make a lasting impact in the field. I am incredibly grateful for this experience and I am excited to leverage the knowledge I have gained to shape a brighter future for patients with unmet medical needs.”

- **Vikendios Zahopoulos, PharmD**
Medical Education and Training Fellow, 2023-2024

Fellowship Alumni Spotlight



Medical Affairs Fellow, 2020-2021

Kira Aldrich, PharmD

Manager, Medical Communications at Neurocrine Biosciences

“The Neurocrine fellowship program was a fantastic learning experience that jump-started my career in Medical Affairs. Within this program, I felt like a valued contributor at a company with a great culture. Being a part of such a kind and collaborative team has taught me invaluable skills that I will carry with me for the rest of my career. As the first fellow within the program, I am so proud to see how much it has expanded and improved, offering a one-of-a-kind experience to our incoming fellows.”



Medical Affairs Fellow, 2021-2022

Ivy Bien, PharmD, RPh, MS

Senior Specialist, Medical Communications at Neurocrine Biosciences

“The Medical Affairs Fellowship is a one-of-a-kind experience. As a fellow, I was proud to be involved in meaningful projects and unique experiences tailored to my interests, and this is still true as I’ve transitioned to a full-time role. This fellowship and the mentors I met along the way were instrumental in supporting my success and career in the pharmaceutical industry today.”



Field Medical Affairs Fellow, 2021-2022

Ava Bamdad, PharmD

Neuropsychiatry Medical Science Liaison at Neurocrine Biosciences

“The Neurocrine MSL Fellowship program helped establish a strong foundation for my career as an MSL. I was provided with all the resources needed to succeed and had the opportunity to work with many great mentors. The support of my mentors allowed me to develop the skills necessary to be a well-rounded Medical Affairs professional. Needless to say, I would not be where I am today in my career if it weren’t for the breadth of experiences I gained during my fellowship program at Neurocrine.”

Medical Communications Fellowship

The one-year Medical Communications Fellowship is designed to provide the trainee a broad understanding of the various roles and responsibilities within Medical Communications with an in-depth focus on Medical Information and Content Development. The fellowship will provide training activities that support company goals as well as developmental opportunities through broad-based hands-on experiences and mentorships that integrate them into several medical strategic initiatives. Upon completion of the program, the Fellow will be better prepared for the challenges of a Medical Affairs career in the pharmaceutical industry.

Fellowship Objectives

- Train as a core member of the Medical Communications team to gain insight into the various roles and responsibilities of careers within this department
 - Medical Information: Deliver accurate, fair-balanced, evidence-based information to patients and healthcare professionals
 - Medical Content Development: Create, manage, and update key resources to communicate disease state information and clinical data on both approved and pipeline products
 - Publications: Train in cross-functional teams to assist with the execution of the strategic publication plans
 - Medical Training: Collaborate with key internal stakeholders to support the development of educational materials based on Neurocrine therapies and disease states
- Collaborate with key cross-functional internal partners including Field Medical Affairs, Health Economics and Outcomes Research, Regulatory Affairs, and Clinical Development
- Identify medical team needs and data gaps, and collaborate internally to help drive appropriate solutions and projects
- Develop, implement, and present a longitudinal research project
- Serve as a rotation preceptor to pharmacy students
- Collaborate with the other Neurocrine Fellows
- Complete required graduate coursework at the University of Southern California with the opportunity to complete a Certificate in Regulatory Sciences
- Participate in the USC Alfred E. Mann School of Pharmacy and Pharmaceutical Sciences Professional Development and Leadership Retreat



Field Medical Affairs/MSL Fellowship

The two-year Field Medical Affairs/Medical Science Liaison (MSL) Fellowship is designed to provide the trainee with a comprehensive understanding of the MSL role and insight into the various roles within Medical Affairs. The fellowship will provide training activities that support company goals, as well as developmental opportunities through broad-based, hands-on experiences and mentorships that integrate the Fellow into several Medical Affairs strategic initiatives. Upon completion of the program, the Fellow will be better prepared for the challenges of an MSL career in the pharmaceutical industry.

Fellowship Objectives

- Gain Medical Science Liaison experience and training in the field by learning to build collaborative KOL relationships, effective communication skills, participate in scientific data exchange, and apply the medical strategy during real life HCP interactions
- Collaborate with key cross-functional internal partners within Neurocrine, including the Managed Care Liaisons, Medical Communications, Medical Information, Health Economics Outcomes Research, medical directors, clinical development, compliance, regulatory, and marketing personnel
- Participate in MSL certification and presentation skill development
- Train as a core member of the Field Medical Affairs team to assist in providing accurate, fair-balanced, evidence-based information about Neurocrine approved and pipeline products to internal stakeholders and external customers
- Identify medical team needs and data gaps, and collaborate internally to help drive appropriate solutions and projects
- Support the product speakers' bureaus
- Gain an understanding of research initiatives through active participation in site nominations, study initiation visits, data dissemination, and the Investigator Initiated Trial (IIT) process
- Develop, implement, and present a longitudinal research project
- Serve as a rotation preceptor to pharmacy students
- Mentor first year Fellow in the second year
- Collaborate with the other Neurocrine Fellows
- Complete required graduate coursework at the University of Southern California with the opportunity to complete a Certificate in Regulatory Sciences
- Participate in the USC Alfred E. Mann School of Pharmacy and Pharmaceutical Sciences Professional Development and Leadership Retreat



Regulatory Affairs Fellowship

The two-year Regulatory Affairs (RA) Fellowship is designed to provide a broad understanding of the various roles and responsibilities within Regulatory Affairs, including Strategy, Chemistry Manufacturing and Control, Advertising and Promotion, and regulatory submissions, as well as having the opportunity to work on projects in other cross-functional departments such as Quality Assurance, Project Management, and Medical Writing.

The Fellowship will provide hands-on training, experience and mentorship while working with cross-functional partners on Neurocrine developmental programs. The fellow will play a key role in facilitating timely submission of documents to regulatory agencies. In addition, the fellow will have opportunities to work on several projects inside and outside of RA in collaboration with other departments as part of a comprehensive training program.

Upon completion of the program, the fellow will understand the various Regulatory Affairs functions and develop an understanding of key considerations for working with US regulatory agency.

Fellowship Objectives

- Train as a member of the Regulatory Affairs team to gain insight into the various roles within Regulatory Affairs and other functional groups
- Interact with cross-functional partners, including Clinical, Manufacturing, Research and Development, Drug Safety, Toxicology, Clinical Pharmacokinetics, Quality Assurance, Project Management, Medical Writing, Publishing, Medical Affairs, and Marketing, to discuss issues specific to Regulatory Affairs, and apply the information acquired
- Conduct regulatory landscape assessment and prepare regulatory intelligence reports to identify opportunities in the evolving global regulatory landscape
- Review scientific documents supporting regulatory filings, review current regulations and guidelines, and perform other regulatory intelligence, as needed
- Support a variety of activities as the Regulatory Strategy team develops strategies, develop an understanding of US and Ex-US regulatory requirements
- Gain knowledge of overall drug development procedure and the role Regulatory Affairs plays in devising drug development plan and product approval
- Identify regulatory team needs and data gaps and collaborate internally to help drive appropriate solutions and projects
- Develop, implement, and present a longitudinal research project
- Collaborate with the other Neurocrine Fellows
- Complete required graduate coursework at the University of Southern California with the opportunity to complete a Certificate in Regulatory Sciences, as applicable
- Participate in the USC Alfred E. Mann School of Pharmacy and Pharmaceutical Sciences Professional Development and Leadership Retreat



Medical Education Training Fellowship

The one-year Medical Education (ME) Training Fellowship is designed to provide an opportunity to learn the skills necessary to excel in a career in the pharmaceutical industry by working within the area of medical education, learning and development. The medical affairs (MA) training team is primarily tasked to create, implement, facilitate, and provide medical education and training developed in support of the clinical pipeline and marketed products. This team works with cross-functional partners and other corporate stakeholders to ensure medical education training deliverables align with strategic objectives of the MA organization, adhere to core principles of the broader medical organization, and support corporate values as we grow into a global company.

The ME Training Fellow will train closely with the MA training team to build a comprehensive virtual learning environment for prioritized therapeutic areas that utilizes technology and novel software solutions to deliver impactful scientific training that improves the competency level of the entire MA organization.

Fellowship Objectives

- Train as a core member of the MA Training Team to gain insight into the various roles and responsibilities of careers within this department
- Develop into a subject matter expert level of scientific acumen for marketed products and/or prioritized clinical pipeline programs
- Design, develop, manage, and deliver training materials for relevant disease states and marketed products
- Collaborate with MA training team to create and develop therapeutic area-specific scientific curricula to be deployed via the learning management system
- Develop and support MA training portal
- Collaborate with the MA training team to implement innovative training solutions to improve learning retention and delivery to the organization
- Provide assistance and support of the learning management system for the medical affairs organization
- Demonstrate advanced technical skills in training development and project management
- Ensure compliance with all relevant SOPs, policies, and procedures
- Develop, implement, and present a longitudinal research project
- Collaborate with the other Neurocrine Fellows
- Complete required graduate coursework at USC with the opportunity to complete a Certificate in Regulatory Sciences
- Participate in the USC Alfred E. Mann School of Pharmacy and Pharmaceutical Sciences Professional Development and Leadership Retreat



Candidate Application Information

Requirements

- PharmD, MD, or PhD in applicable field from an accredited university within previous 5 years
- Good oral and written communication skills, ethics, professionalism, leadership, and an interest in the biopharmaceutical industry
- Minimum GPA of 3.0

How to Apply

- The application process will open on October 1, 2023
- The USC Postdoctoral Fellowship Portal can be accessed online at <https://provost.sma.usc.edu/prog/fellowship>
- You will need to submit the following to USC:
 - Email addresses of three references
 - Curriculum Vitae (CV)
 - Letter of intent
 - Official professional or graduate school transcripts
- In addition to applying through USC, please submit a Curriculum Vitae and Letter of Intent through American Society of Health-System Pharmacists' (ASHP) Personal Placement Service (PPS) to request a first-round interview
 - Application materials are due to PPS by November 30, 2023 for early consideration
 - PPS portal opens October 2023
- Final interviews will be conducted at the ASHP Midyear Clinical Meeting, which will take place the week of December 3-5, 2023
- Final due date for all application documents to USC is December 8, 2023
- Program starts on July 1, 2024

Points of Contact

For more information, please contact:

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Neurocrine Fellows

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Sydney Kirkpatrick, PharmD
Regulatory Affairs Fellow, 2023-2024
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Vikendios Zahopoulos, PharmD
Medical Education Training Fellow, 2023-2024
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Wendy Caba Piloto, PharmD
Field Medical Affairs Fellow, 2023-2025
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