

Industrial Pharmacy Residency Program

For the Term 2019-2020

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Information Session*

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Industrial Pharmacy Residency Program

- Description – One year residency program administered by the Leslie Dan Faculty of Pharmacy, in cooperation with participating pharmaceutical companies
- Purpose – To educate the resident about different aspects of industrial pharmacy and provide an opportunity to develop skills and experience in specific area(s) of focus
- Eligibility – Applicant must be a pharmacist or a student in their final year of an undergraduate program at a Faculty of Pharmacy
- More Details – On the webpage:
<http://pharmacy.utoronto.ca/residency-programs/industrial-pharmacy>
and in the Terms of Reference (TOR)

Industrial Pharmacy Residency Program

- Specialty Residency – Focused activities in one or two particular departments; unique opportunity to develop specialty skills in chosen area of interest
- Objectives and Activities
 - Active participation in the selected area of specialty
 - Opportunities to attend seminars and conferences
 - Undertake and complete a major project
 - Additional objectives developed jointly by resident and supervisor
- Faculty Liaison – appointed for each company to support resident, via Core Committee

Positions listed for 2018-19

Company	Specialty	Number of positions
Allergan Inc.	Specialty in Market Access	1
Amgen Canada	Specialty in Medical Information, Medical Communication/Education and Value, Access and Policy (VA&P)	2
Astellas Pharma Canada Inc.	Specialty in Medical Information	1
Biogen Idec	Specialty in Market Access	1
Eli Lilly Canada Inc.	Specialty in Pricing Reimbursement and Patient Access	1
	Specialty in Medical Information	1
Glaxo SmithKline Inc.	Specialty in Medical Information and Drug Safety	1
Hoffmann-LaRoche Ltd.	Specialty in Medical Affairs	1
	Specialty in Product Development Regulatory	3
Sanofi Pasteur	Specialty in Medical Affairs	1
	Specialty in Immunization Policy	1
	Specialty in Compliance	1
	Specialty in Marketing	1

Currently – 2017-18

- Nathaniel Chow (Amgen)
- Jimmy Tieu (MI, Amgen)
- Jacquelyn Lippa (MI, Astellas)
- Joann Ban (Market Access, Biogen)
- Rudy Rizkalla (MI, Eli Lilly)
- Caroline Colozza (PRPA, Eli Lilly)
- Ida Kircanski (PDR, Hoffmann-La Roche) (*OPRA representative*)
- Anh Nguyen (MA, Hoffmann-La Roche)
- Beini Zhang (PDR, Hoffmann-La Roche)
- Pak Chan (MA, Sanofi Pasteur)
- Patricia Lu (Compliance, Sanofi Pasteur)

MA: Medical Affairs
 MI: Medical Information
 OM: Oncology Marketing
 OPRA: Ontario Pharmacy Residents Association
 PDR: Product Development Regulatory
 PRPA: Pricing, Reimbursement and Patient Access

Application Statistics 2016 - 2018

Year of Program	Canadian Universities		Foreign Universities		Total Applications	Total Accepted
	U of T	Other	USA	Other		
2016-2017	23(9)	18(4)	5(1)	2	48	14
2017-2018	52(10)	15(1)	1	4	72	11
2018-2019	47(7)	26(7)	3	1	73	14

Number accepted in ()

Application for the 2019-2020 Term

- Resident Stipend - \$50,500 for the specialty residency starting in September 2018; a 2% increase is proposed for 2019-2020
- Application Package
 - Check website in May 2018 for updates
- Timing – Application steps to be completed during the period Sept to early Oct, 2018 (final deadline TBA)

More Information Available from:

Coordinator: Andrea Cameron

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<http://pharmacy.utoronto.ca/residency-programs/industrial-pharmacy>

Questions?

Plan to attend the Industry
Residency Night,
Tuesday March 6, 2018

INDUSTRY PHARMACY RESIDENCY AT
HOFFMANN-LA ROCHE

IDA KIRCANSKI, PHARMD



PRODUCT DEVELOPMENT REGULATORY (PDR)

- Resident in **Global Regulatory Documentation**
- Team of medical writers who develop documents to support product licensure and clinical development programs
- Global: focus on EU and US markets
- Example: CSRs, RMPs, COs, SCE/SCS
(Documents to support NDAs/BLAs, INDs...)



SKILLS I'VE DEVELOPED:

- Large-scale event planning (Departmental Education Week)
- Scientific / Medical Writing
- Regulatory documents and strategy
- Stakeholder management
- Project management



WHY I ENJOY IT:

- Opportunity to develop new skills (e.g. project management)
- Exciting and fast-paced environment – multiple projects
- Learning the global pharmaceutical landscape
- **Ultimately helping patients gain access to life-saving medications**



INDUSTRIAL PHARMACY RESIDENCY | BIOGEN CANADA

JOANN BAN, BSC, PHARM.D

MARKET ACCESS

- Specialty in **Market Access**
- Part of a team dedicated to gaining public + private coverage for Biogen's products
- Responsibilities:
 - Developing submissions and dossiers to Canadian HTA bodies and payers
 - Assessing relevant market access considerations (e.g., environmental scans, data analytics)
 - Assist with pricing (i.e., per PMPRB guidelines)
 - Participate in market access and cross-functional team meetings

SKILLS I'VE DEVELOPED

- Knowledge of federal and provincial policies relevant to market access
- Medical literature appraisal
- Financial analyses (e.g., forecasting, budget impact analyses)
- Project management

... AND SO MUCH MORE!