

Pharmaceuticals Certificate

Careers

BUSPH Graduates with the Pharmaceuticals Certificates have gone on to jobs in the following areas and positions:

Pharmaceutical Industry as Clinical Trial Coordinators, Government Affairs Managers, International Regulatory Affairs Managers, Clinical Safety Specialists, Market Research Analysts, Research Managers and Medical Writers

Academic Research as Clinical Research Coordinators, Research Managers

Consulting as Healthcare IT, and Strategy Consultants or Program Managers, Officers, Analysts, Survey Coordinators, and Business Development Specialists

Non-governmental organizations as program coordinators, program managers, etc.

BUSPH graduates with the Pharmaceuticals Certificates can be found working at such companies and organizations as [Novartis](#), [Millennium Pharmaceuticals \(Takeda Oncology\)](#), [Quintiles](#), [Genentech](#), [Vertex](#), [Management Sciences for Health](#), [John Snow, Inc.](#), [Boston Children's Hospital](#), [Mass General Hospital](#), [American Medical Association](#), [Dimagi](#), [United Health Group](#), [Harvard Pilgrim](#), [World Health Organization \(WHO\)](#), [GAVI Alliance](#).

To learn more, visit our website at <https://www.bu.edu/pharm/>



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Nearly every public health program relies on pharmaceuticals to achieve its goals—from treating infectious diseases to managing preventive and chronic care. This certificate is one of the world's few programs examining the intersection of public health and the pharmaceutical sector. Students will gain skills in pharmaceutical development, delivery, and policy. Students will be able to effectively translate their knowledge and skills into rapidly growing public health, pharmaceutical, and medical technology markets. All students pursuing the Master of Public Health (MPH) degree at Boston University are eligible to pursue the Pharmaceuticals Certificate.

Course Requirements:

- ◆ PH740—Foundations in Public Health & Pharmaceuticals (4 credits)
- ◆ At least 4 credits from:
 - ◆ GH 715: ARV Program Management (2 credits)
 - ◆ GH 801: Clinical Development of a New Medicinal (4 credits)
 - ◆ PM 802: Pharmaceutical Management, Policy & Practice (2 credits)
 - ◆ PM 833: Health Economics (4 credits)
 - ◆ GMS CI 640: Regulatory & Compliance (4 credits)
 - ◆ BS 722/GMS675: Design & Conduct of Clinical Trials (4 credits)

- ◆ At least 4 credits from:
 - ◆ GH 722: Supply Chain Management (2 credits)
 - ◆ GH 756: Analyzing Pharmaceutical Systems (4 credits)
 - ◆ GH 885: Global Trade, Intellectual Property and Public Health (2 credits)
 - ◆ GH 891: Global Pharmaceutical Policy: at the Intersection of Process & Politics (2 credits)
 - ◆ EPI 748: Drug Epidemiology (4 credits)

Practicum Requirements

All certificate students complete a school-required practicum with a pharmaceutical focus. Boston University School of Public Health (BUSPH) practicum requirements include:

- Completion of 240 hours at an organization with a public health scope of work.
- A learning contract outlining expectations, deliverables, and practicum dates submitted to the BUSPH Practicum Director
- Midpoint review
- Presentation at a BUSPH-wide poster session

Recent practicums have taken place at the Access to Medicines Foundation, World Health Organization, Pfizer, Quintiles, Novartis, GAVI (Global Alliance for Vaccines and Immunizations), Takeda Pharmaceuticals, Shire Pharmaceuticals, Novavax, MA DPH- Health Care Quality and Safety Bureau, and more.



Meet the Pharm Program Leadership Council

Pictured (Clockwise from top left):

Maria Bustos, Healthcare Management, **Sunedha Javalikar**, Epidemiology and Biostatistics, **Phani Kamineni**, Epidemiology and Biostatistics and **Jessica Lynn Rojas**, Healthcare Management. PPLC provides guidance to the Program Director and Manager and works to connect certificate students with current students, alumni, and the greater BU and Boston pharmaceutical community.



Fall Events 2017

Date	Description
	Welcome and Welcome Back Events
Wed, Sept 20	1-2pm: Informal Session with Yogeeta Manglani, Associate Director, Policy (Vaccines and Hepatitis C) at MSD
	5-6pm: Pharm Student Info Dinner
Wed, Oct 9	Pharm Certificate Student Lunch <i>*Mandatory for all pharm certificate students matriculating in Fall 2017*</i>
Wed, Oct 25	Pharm Certificate Alumni Panel
Wed, Nov 8	Hot Topics in Pharm Roundtable
Thurs, Dec 7	Speed Networking and Graduation Celebration
	SAVE THE DATE: March 21, 2018 4:30-6:30pm BUSPH Public Health Forum on Determining the Value of Medicines