

BATOUL SENHAJI-TOMZA, PharmD, MPH

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EDUCATION:

The Johns Hopkins Bloomberg School of Public Health. The Johns Hopkins University, <i>Baltimore, MD</i> Master of Public Health (MPH), Health Policy and Financing Concentration	05/08
Temple University, School of Pharmacy, <i>Philadelphia, PA</i> Doctorate in Pharmacy (PharmD)	05/02
Temple University, <i>Philadelphia, PA</i> Bachelor of Sciences in Biology (BS) <i>Cum Laude</i>	05/98

LICENSES AND CERTIFICATES:

Harvard Graduate School of Education. Harvard University. Women in Leadership Certificate	03/19
The Armstrong Institute for Patient Safety and Quality. The Johns Hopkins University. Patient Safety Certificate	05/16
The Johns Hopkins Bloomberg School of Public Health. The Johns Hopkins University. Public Health Problem Solving Certificate	05/08
Temple University, School of Pharmacy. Master of Business Administration Certificate	05/02
University of Utah. Certificate in Alcoholism and Drug Dependency Counseling	04/00
State of Pennsylvania, State of Maryland, State of New York. Active Pharmacist Licenses	Up to Date

EXPERIENCE:

Touro College of Pharmacy, <i>New York, NY</i>	
Associate Dean, Curriculum Affairs	8/23- Present
Founding Program Director, PharmD/ MPH Collaborative Degree	11/21- Present
Assistant Dean for Curriculum	11/13- 8/23

- Serves as an active member of the school's executive team, contributing to the vision of innovation and leadership in pharmacy education and ensuring program alignment with the college's mission and strategic planning.
 - Manages various projects to ensure organization meets mission, vision and goals
 - Facilitated Strategic Planning College-wide retreat

- Contributed to the College's ACPE reaccreditation
 - Participates in drafting and finalizing of accreditation reports
 - Lead in planning and coordination of ACPE visits
 - Lead in Curriculum Committee Preparation for accreditation visits
 - Participates and leads in college recruitment efforts
- Leads in the development and restructuring of the didactic and experiential pharmacy curriculum based on best practice and current research.
 - Initiated curriculum plan for the college and gained approval from administration and faculty
 - Implemented and monitors curriculum plan
 - Lead student and faculty focus group
 - Lead development of inter-professional education plan for the college
 - Initiated and coordinated implementation of curricular simulation training using EHRgo
 - Initiated and led multiple task forces in curricular CQI efforts
 - Conducts Alumni Outreach efforts to collect data aimed at improving curriculum
 - Leads InterProfessional Education Efforts of the College
 - Initiated IPE course work and developed partnership with other University affiliated health science programs
 - Manages IPE committee operations
 - Ensures continuous quality improvement in curriculum design and integration
 - Initiated, completed and validated curriculum mapping to national standards and internal outcomes
 - Leads and coordinates curriculum retreats
 - Develops curriculum related policies and procedures
 - Created curriculum infrastructure (annual curriculum manual; created and maintains standardized process documents)
 - Aligns curriculum to accreditation standards (ACPE and NAPLEX curricular outcomes)
 - Developed and Initiated the PharmD/ MPH Collaborative Degree with NYMC
 - Leads in Global partnership development
 - Liaises with registrar office for all course registration related matters
 - Maintains academic calendar; course and exam schedules
 - Led in annual graduation audits

Interim Assistant Dean of Academic Affairs

07/15-07/16

- Participated in the preparation of accreditation documents, annual reports, strategic plan, catalog revisions and other official documents
- Served as Ex-officio Curriculum Committee; Academic Standing Committee; Assessment Committee
- Liaised between registrar office and students to maintain student records up-to-date (grades; course registration; graduation audits etc.)
- Monitors student performance and progression
- Liaison to State on Board related matters

Associate Professor, Department of Social Behavioral and Administrative Sciences 09/11- Present

- Leads in design, teaching and integration of **all patient safety curriculum** throughout the program
- Developed, coordinated and taught the following courses:
 - Foundation of Patient Safety (PHRM 654)
 - Health Care Informatics (PHRM 655)
- Participates in the following courses as guest lecturer:
 - Leadership theory and Practice (SBAN 655) (09/19-present)
 - Professional Practice Courses (SBAN 570; 571) (09/11- present)
 - Health Care Systems and Health Policies (SBAN 504) (09/13- Present)
 - Principles of management, pharmacoeconomics and outcomes research (SBAN630) (09/13- Present)
 - Pharmaceutics IV (PBSN 611) (09/13- Present)
 - Pharmacotherapeutics (PHRM 637); taught **Neurology curriculum** (09/11- 06/15)
 - Headache Disorders and Migraine Management”
 - “Neurologic Disorders I: Epilepsy”
 - “Neurologic Disorders II: Status Epilepticus” Lecture
 - Foundational Skills for Excellence (PHRM 661) (09/11-06/14)
 - Introduction to Professional Experience (09/11-08/13)
- Select **Active Lectures**:
 - “Patient Safety Overview”
 - “System’s Analysis and Redesign
 - “ Creating a Safety Culture through effective teamwork”
 - “Quality Improvement and Medication Use System part I: Types of Error and Adverse Events”
 - “Quality Improvement and the medication Use System part II: Event Management Process”
 - “Quality Improvement and the medication use System part III: Introduction to Continuous Quality Improvement”
 - “ The Anatomy of Medication Errors”
 - “Medication Safety Workshop”
 - “Reporting and Disclosing Adverse Events and Errors”
 - “Women in leadership”

Administrative Service

- Chair of 2022 CAPE outcomes Curriculum Integration Task Force 01/23- Present
- Chair of Professional Identity Formation Task Force 06/22- Present
- Chair Of PharmD/MPH Collaborative Program Admission Committee 03/21- Present
- Chair Search Committee Associate Dean Student Affairs 12/21- 12/22
- Chair for Patient and Family Centered Curriculum Design Task Force 05/21- 05/23
- Chair of Curriculum Committee 09/20- Present
- Chair Search Committee for Department Chair of Pharmaceutics and Basic Sciences Department 08/20- 08/22
- Chair Search Committee for Dean of Clinical Affairs 08/19-12/19
- Member of Learning Outcomes Committee 09/19- Present
- Past Chair and current member of Strategic Planning Committee 02/18- Present
- Interim Assistant Dean of Academic affairs 07/15-07/16
- Past Chair and current Ex- Officio of the Curriculum Committee 08/14-09/20
- Chair of the MPH Planning committee 07/16- Present

- Inter-professional Education Committee Member and Advisor 07/15- present
- Member and Advisor to the Co-curriculum Committee 09/17- 09/19
- Member of Global Health Committee 09/11-09/23
- Member of Academic Standing Committee 07/15- 09/19
- Member of Assessment Committee 07/15- Present
- Public Health Task Force Member and Advisor 09/11- 07/16
- Academic Advisor and Preceptor 09/11- Present
- Chair, Curriculum Task Force 08/15-08/16
- Chair Curriculum Mapping Task Force 01/15- 01/16
- Chair, Search Committee for associate dean of academic affairs 03/16
- Interprofessional Education Task Force, Executive advisor 09/ 14 -09/16
- Pharmacy Public Health Organization Student Advisor 09/11-09/15
- Member of Capstone Committee 09/11- 09/14
- Member of the PharmD/ MPH Integration Committee 09/11-09/14
- Capstone Advisor 09/11-09/14

Professional and Community Service

- Organized and participated in Senior Health Fairs 03/13- 05/16
- Organized and participated in Patient Safety Awareness Week events 03/14-03/18
- Conducts and participates in faculty and incoming student interviews Ongoing

Medical Event Reporting System, MERS-TH, New York, NY

Patient Safety Consultant

12/09 – 08/10

- Assisted in MERS software research, development and design
- Directed clients (hospitals country wide) towards process improvements that support the reduction of medical/health care errors and other factors that contribute to unintended adverse patient outcomes;
- Provided leadership for safety assessments, educated other practitioners/ peers on the system-based causes for medical error, consulted with management and staff, and communicated literature-based ideas regarding effective patient safety strategies to minimize medical errors and prevent harm;
- Recommended and facilitated change within clients institutions to improve patient safety, based on risks identified through the use of MERS including participation in root cause analysis of internal error reports;
- Ensured MERS compliance with AHRQ common format requirements and other regulatory bodies;
- Assisted in promotion of MERS use in various US hospitals
- Supported clients in overall MERS product implementation.
- Participated in Root Cause Analyses, adverse event tracking and reporting

International Center for Health Outcomes and Innovative Research, Columbia University, New York, NY

Patient Safety Specialist / Research Associate

10/07 – 10/08

- Analyzed data, planned, organized and conducted clinical research in safety and harm prevention studies;

- Worked with New York Presbyterian hospital health care professionals to identify factors contributing to and decrease the occurrence rate of unintended adverse patient health outcomes.
- Participated in Root Cause Analyses
- Tracked Adverse Events
- Participated in Adverse Event Reporting
- Optimized, educated and promoted use of adverse event reporting systems

The Johns Hopkins Hospital, Baltimore, MD**Clinical Pharmacist I**

05/04 – 02/07

- Carried out hospital administrative projects:
 - Contributed to the design and development of the Idealized Medication Use System;
 - Member of the Pathophysiology and Therapeutic committee: worked with physicians to develop patient safety programs focusing on medical error prevention and inventory management.

Point of Care Pharmacist

08/02 – 02/07

- Provided comprehensive clinical pharmacy services to the Transplant and Intensive Care Units;
- Ensured the coordination of administration of newest transplant study drugs and transplant protocols;
- Provided patient education, specialized in initiating pulmonary hypertension patients to the use of Flolan;
- Provided nursing staff education, new employee training and student mentorship.

Center for Pharmaceutical Health Services Research, Philadelphia, PA**Research Assistant**

11/01 – 01/02

- Participated in various research projects, including creation of a scientific annotated bibliography.

United States Pharmacopoeia, Rockville, MD**Intern, Office of International Relations**

07/01 – 09/01

- Authored the project “Comparing and contrasting the pharmacopoeias structure and review processes of the ICH (International Conference on Harmonization) members” that resulted in a reference document for USP;
- Developed a cost-benefit analysis for pharmaceutical standards among pharmacopoeias in Japan, the U.S., and the European Union;
- Assisted in the implementation of malaria and AIDS sanitation projects in Senegal.

Food and Drug Administration, Rockville, MD**Intern, CDER/Office of Generic Drugs**

05/01 – 07/01

- Participated in Generic Drug Application Processes and Reviews;
- Participated in medication safety projects;
- Attended Drug Hearing Advisory Committee meetings

PUBLICATIONS:

- **Senhaji-Tomza B**, Ng K., Lonie J, Unni E. “Pharmacy Student Perceptions of Remote Learning and Wellness During the Pandemic: Lessons Learned from a Metropolitan Commuter City”. Currents in Pharmacy Teaching and Learning. March 2023.
- Marwitz K.; Gaither C. Haugtvedt C.; Kostrzewa A.; Lewis, N.; Selkow L.; **Senhaji-Tomza, B.**; Weis, L.: “Address System-Mediated Patient Safety In Community Pharmacies to improve Public Health”. 2023 American Public Health Association Policy Cycle. Accessible by APHA members only. Published on APHA website on 2/24/23 until 3/21/23 (Open Comment period)
- Huggins C., Basu P., **Senhaji-Tomza B**, Warwick Shelly, Anthony. M. E. “The challenges of implementing a joint interprofessional education program between a pharmacy college and an osteopathic medical college: A case study”. International Journal of Osteopathic Medicine. May 2021.
- Addo-Atuah J, **Senhaji-Tomza B**, Ray D, Basu P, Loh F-H, Owusu-Daaku F. “Global health research partnerships in the context of the Sustainable Development Goals (SDGs)”. Journal of Research in Social and Administrative Pharmacy. November 2020.
- Berrios-Colon E; Huggins C.; Soliman S; **Senhaji-Tomza B**; Hidayat L. “A Pilot Assessment on Perceived Stress among Working Pharmacist Moms”. Journal of American Pharmaceutical Association. October 2019.
- **Senhaji-Tomza B**. “Nine ways to help patients adhere better to their medications”. Drug Topics. March 2019.
- **Senhaji-Tomza B**, Book review of Pharmaceutical Public Policy Book by Fulda; Lyles and Wertheimer’s. March 2016.
- **Senhaji-Tomza B**. "The proper dose of advice: Tips for avoiding medication errors". Newsday. August 11, 2012
- **Senhaji B**. “Medication Expenditure & Utilization in Morocco” (Journal of Pharmaceutical Finance, Economics and Policy, vol.12, 4, 2004);
- Wertheimer A, Smith M, **Senhaji B**. “International Drug Regulatory Mechanisms” (Chapter 15, 2004);
- Wertheimer A, **Senhaji B**. “Driving Forces behind Drug Approval Processes” (Journal of Social and Administrative Pharmacy, vol.19, 1,2002);
- Acknowledgements:
 - **Senhaji-Tomza B**: Corrigan M, MacDonald NC, Musselman M, Pinto J, Skildum M, and Smith AP. ASHP Statement on the Role of the Pharmacy Workforce in Emergency Preparedness. Am J Health Syst Pharm 2022.
 - **Senhaji B** “Pharmaceutical and Worker Productivity Loss” (Journal of Occupation and Environmental Medicine, vol.45, No. 6, 06/2003).

POSTER PRESENTATIONS:

- **Senhaji-Tomza, B**, E. Unni, M. Brown. “Programmatic integration of Professional Identity Formation theories and strategies in a PharmD curriculum”. Research Day Lightning Rounds. Touro College of Pharmacy, New York, NY. May 2024.
- **Senhaji-Tomza, B**, E. Unni, M. Brown. “Programmatic integration of Professional Identity Formation theories and strategies in a PharmD curriculum”. American Association of Colleges of Pharmacy. July 2023
- **Senhaji-Tomza, B**. Johnson, B. Shah. M. Brown “Integration of Patient and Family Centered Care Core Concepts and Strategies in a Pharmacy Curriculum”. American Association of Colleges of Pharmacy. July 2022
- Liu C; **Senhaji-Tomza B**; Shah B. “Evaluation of the Outcomes of a Longitudinal Interprofessional Education Course”. Touro University IPE summit. May 2021.

- C; Huggins; **Senhaji-Tomza B**; Hidayat L. Perceived Stress and Discrimination among working Pharmacists Moms. Poster Presentation at the ASHP Annual Meeting, Anaheim, California, December 2018.
- Basu P, Loewy Z, Shah B, **Senhaji-Tomza, B**. “Design and Development of a translational research elective curriculum for pharmacy students”. American Association of Colleges of Pharmacy. July 2018.
- Kploayini S., Loh E., **Senhaji-Tomza B**. “Fighting back addiction: Assessing the use and adherence of medication assisted treatment for opioids addicts”. Poster Presentation, Pharmacy Quality Alliance Annual Meeting, 2017, Baltimore, MD.
- Berrios-Colon E, **Senhaji-Tomza B**, Huggins C. “Describing and assessing attitudes of pharmacy students in a public health interprofessional course”. Poster Presentation, American Public Health Association Annual Meeting, 2016, Denver, CO.
- Choy M, Basu P, **Senhaji-Tomza B**. “Use of assessment to track incremental changes in curriculum”. Poster presentation, American Association of Colleges of Pharmacy Annual Meeting, 2016, Anaheim, CA.
- Sullivan M, Rumore M, **Senhaji-Tomza B**. “Incorporating Health care Informatics within a pharmacy curriculum”. Poster Presentation, American Association of Colleges of Pharmacy Annual Meeting, 2016, Anaheim, CA.
- Huggins C, Berrios-Colon E, **Senhaji-Tomza B**, Clayton K, Anthony M. “Attitudes towards interprofessional education (IPE) among pharmacy and osteopathic medical students”. Poster Presentation, American Association of Colleges of Pharmacy Annual Meeting, 2016, Anaheim, CA.
- **Senhaji-Tomza B**, Basu P, Soliman S. “Improving a Curriculum through Incremental Changes Based On Programmatic Assessment Results”. Poster Abstract Presentation American Association of Colleges of Pharmacy Annual Meeting 2015, Baltimore, MD.
- Basu P, Fisher J, **Senhaji-Tomza B**, Soliman S. “Evaluate to Learn: Integrating Assessment Data to Improve Outcome of a Didactic Biomedical Science Course”. Poster Abstract Presentation American Association of Colleges of Pharmacy Annual Meeting 2015, Baltimore, MD.

PRESENTATIONS AND CONFERENCES:

- **Senhaji-Tomza, B**. “The role of Patient and Family Centered Care in Patient Safety and what it means to Pharmacy Practice”. New York Council Society of Health Systems Pharmacist Annual Assembly Continuing Education Program (1CPE), Saratoga Springs, NY. 4/21/24
- **Senhaji-Tomza, B**. “The role of Patient and Family Centered Care in Patient Safety and what it means to Pharmacy Practice” 1199SEIU League Training and Upgrading Fund. Medication Error and Patient Safety Continuing Education Program (1 CPE), NY. 06/23
- **Senhaji-Tomza, B**. “Medication safety in the geriatric population”. Royal Counties Societies of Health system Pharmacist. Medication Error and Patient Safety Continuing Education Program (1 CPE), NY. 04/22
- **Senhaji-Tomza, B**. “Interprofessional communication and patient centered-care”. 1199SEIU League Training and Upgrading Fund. Medication Error and Patient Safety Continuing Education Program (1 CPE), NY. 06/20
- **Senhaji-Tomza, B**; Yoshizuka K. “Curriculum Mapping: New Challenges and Opportunities”. TCUS Assessment Webinar. New York, NY. 11/19
- **Senhaji-Tomza, B** “The Anatomy of a Medication Error”. Presenter and Panelist. Royal Counties Societies of Health system Pharmacist. Medication Error and Patient Safety Continuing Education Program (1 CPE). New York, NY. 10/19
- **Senhaji-Tomza, B** “The Anatomy of a Medication Error”. Presenter and Panelist. 1199SEIU League Training and Upgrading Fund. Medication Error and Patient Safety Continuing Education Program (1 CPE). New York, NY. 06/19

- **Senhaji-Tomza, B** “Prescription Drugs and Patient Safety”. Presenter and Panelist. 5th National Urban Health Conference, Harlem, NY. 04/15
- **Senhaji-Tomza, B** “Medication Safety and the Elderly”. Patient Safety Week Health Fair. Touro College of Pharmacy, NY. 03/15
- **Senhaji-Tomza, B** “Medication and the Elderly: How to use your medication safely”. Presenter and Panelist. National Urban Health Conference, Harlem, NY. 03/13
- **Senhaji-Tomza, B** “Medication Safety and the Elderly”. Patient Safety Week Health Fair. Touro College of Pharmacy, NY. 03/12
- **Senhaji-Tomza, B** “Medication safety: A primer for the seniors”- Presenter and Panelist- Elder Abuse Health Forum Harlem Health Fair, Touro College of Pharmacy, NY. 12/11
- **Senhaji-Tomza, B** “Medication Safety and the Elderly”. Continuing Education for Pharmacy Technicians- Sanford-Brown Institute, NY. 02/12
- Panelist for “Accomplished Professional Moroccan Women in the US” forum. King Mohammed VI 2003 Annual Conference on Moroccan Professionals Abroad. Tangiers, Morocco. 08/03
- **Senhaji, B.** “Impact of Alcohol Abuse”, National Pharmacy Week. Temple Pharmacy School, PA. 10/00
- **Senhaji, B.** “Medication Errors & the Pharmacist’s Role”. National Pharmacy Week. Temple University, PA. 11/99
- **Senhaji, B.** Conference on Alcoholism and Substance Abuse, Utah “Presentation on CASA activities”. Temple University, Pharmacy School, PA. 06 /99

PROFESSIONAL ORGANIZATIONS MEMBERSHIPS:

- New York Society of Health Systems Pharmacist (NYSCHP) 10/17- present
- Pharmacy Quality Alliance (PQA), Touro College of Pharmacy Ambassador 09/13- present
 - Member of the Measure Development Team focusing on Polypharmacy/Inappropriate/Unnecessary Therapy 01/16- present
- National Patient Safety Foundation (NPSF) 10/11-present
- American Public Health Association (APHA) 10/11- present
- American Association of Colleges of Pharmacy (AACP) 10/11- present
- American Society of Health System Pharmacist (ASHP) 09/01- present
- American Pharmaceutical Association, APHA-ASP 09/98- present

HONORS AND AWARDS:

- Service Award, Touro College of Pharmacy 05/2022
- Appointed pharmacist representative leader in Idealized Medication System Project. *The Johns Hopkins Hospital, Baltimore, MD.* 2006-2007
- Star Employee of the Month. The Johns Hopkins Hospital. *The Johns Hopkins Hospital, Baltimore, MD.* 02/2006
- Dean’s List. *Temple University School of Pharmacy, Philadelphia, PA.* 05/2002

SOFTWARE AND COMPUTER SYSTEM KNOWLEDGE:

- EHRgo
- Hospital Systems: Pixys Connect, BDM, CPOE, EPR, Patient Safety Net, Eclipsys, MERS-TH
- Microsoft Access, Procite, Medline, and others.

LANGUAGES:

- English; French, Arabic: Fluent
- Polish and Spanish: Basic competence

