

ALBERTO AUGSTEN, PHARMD,MS, BCPP, DABAT

Board Certified Toxicologist and Psychopharmacologist

www.AugstenConsulting.com/3058042070

Current Professional Practice Experience

AUGSTEN Consultation Services

Dec. 2016 - Present

Augsten Consulting, LLC

Psychopharmacology & Toxicology Expertise

- Expert litigation witness on multiple legal criminal cases in toxicology, pharmacology and substance use disorder treatment.

Experienced in handling civil and criminal cases, representing both plaintiffs and defendants in a wide range of toxicological and pharmacological litigation matters. Skilled in analyzing complex scientific evidence and collaborating with expert witnesses to build compelling cases, with a keen understanding of the application of Daubert standards. Adept at navigating intricate legal frameworks to achieve favorable outcomes for clients

- Expertise includes laboratory assessment, instrumentation result analysis, licit/illicit substances, metal toxicity, sympathomimetic toxicity, volatiles (difluoroethane and similar), lithium, valproic acid, beta blockers, calcium channel blockers, cardiotoxic steroids, antidepressants, mood stabilizers, antipsychotics.
- Consulted on the development of multisite implementation of toxicological services, long-acting injectable clinics, transition clinics, Long Acting Naltrexone clinics, Nasal Naloxone Distribution Programs co-occurring clinics, pharmacogenetics clinics, Esketamine Clinics.
- Highly experienced in public speaking on grant-funded addiction and psychiatric programs, showcasing innovative approaches to treatment and care. Regularly engaged as a speaker for five highly respected pharmaceutical companies' speaker bureaus, providing expert insights into clinical practices and therapeutic advancements. Recognized for effectively bridging the gap between scientific research and real-world application in both legal and healthcare contexts.

Memorial Regional Hospital
Pharmacy Clinical Manager/Board Certified Clinical Toxicologist

Jul. 2018 - Present
Hollywood, Florida

- Developed, implemented and oversee Long Acting Therapy Clinic (LAT) Clinic, an integrated, medication clinic that gives patients with serious mental illness access to long acting injectable antipsychotics.
- Co-developed, implemented and oversee Medication Assisted Treatment (MAT) Program, an integrated, medication and behavioral therapy program for people with opioid and alcohol use disorders.
- Co-developed, implemented and oversee the Behavioral Health Transitions Clinic—a clinical service at Memorial Regional Hospital linking behavioral health patients in the Emergency Department and Medical units with substance abuse & mental health treatment.
- Co-developed, implemented and oversee Mothers in Recovery (MIR) Program, a comprehensive approach to the treatment of substance use disorders in pregnancy and the prevention of Neonatal Abstinence Syndrome.
- Grant development, management and oversight for the pharmacy related grants in behavioral health department and transitions of care.

Memorial Regional Hospital
PGY2 Psychiatric Pharmacy Residency Director

May 2016 - Present
Hollywood, Florida

- Established inaugural PGY2 psychiatric program at Memorial Healthcare System.
- Received initial ASHP Accreditation, successfully trained seven clinicians with job placement in large healthcare systems, industry and academia.
- Assisted in establishing PGY2 programs in other pharmacy acute care areas including Emergency Medicine, Ambulatory Care and Critical Care.

Memorial Regional Hospital
Long-Acting Therapy Clinic (LAT) Manager

May 2015 - Present
Hollywood, Florida

- Conceptualized and created the guiding principles and protocols for the Long-Acting Therapy Clinic.
- Implemented the LAT Clinic on May 2015 as a hospital outpatient clinic under a collaborative practice agreement with Daniel Bober, DO.

- Manage financial, clinical and overall functioning of LAT Clinic with oversight over fifteen clinical pharmacy specialists.
- Consulted on creating similar Long Acting Injectable Clinics in South Florida.
- Primary author for Florida Protocol in the 2020 initiative of pharmacist injecting long-acting antipsychotics.
- Created the Behavioral Health Transition Clinic (BhT) and Pharmacogenetics clinic based on the LAT clinic model.

Nova Southeastern University-
Fischler School of Education and Human Services
Adjunct Faculty – Pharmacology

Sept. 2010 - Present
Ft Lauderdale, Florida

- Over a decade of Doctoral Level adjunct faculty teaching.
- Lecture Series include: Effects of Drugs on Speech, Language and Communication, Adverse Effects of Drugs and Drug-Induced Impairments, Drug-Induced Stuttering, Drug-Induced Cognitive Impairment, Drug-Induced Hearing Impairment, Drug-Induced Dysphagia, Medication Management in the Elderly: Polypharmacy and Drug-Interactions, Psychopharmacology of Reward and Drugs of Abuse, Anxiety Disorder, Major Depressive Disorder, and Attention Deficit Hyperactivity Disorder.

Previous Experience

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| Memorial Regional Hospital <i>Pharmacy Clinical Coordinator</i> | Dec. 2014 – Jul. 2018 Hollywood, Florida |
| Memorial Regional Hospital <i>Clinical Psychiatric Pharmacy Specialist</i> | Jul. 2010 – Dec. 2014 Hollywood, Florida |
| St. Helena/Center for Behavior Health <i>Pharmacist</i> | Jan. 2010 – Jul. 2010 Vallejo, California |
| Miami Dade County - Department of Environmental Resources Management (DERM) <i>Chemist I</i> | Mar. 2003 – Jul. 2005 Miami, Florida |

Education

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| University of Florida <i>Master of Science in Pharmacy and Pharmaceutical Sciences with concentration in Clinical Toxicology</i> | Jun. 2011- Dec. 2017 Ft Lauderdale, Florida |
| University of Florida <i>Graduate Certificate in Forensic Drug Chemistry</i> | Jun. 2011- Dec. 2017 Ft Lauderdale, Florida |
| Touro University College of Pharmacy <i>Clinical Pharmacy Residency in Psychopharmacology</i> | Jun. 2009 – Jun. 2010 Vallejo, California |
| NOVA Southeastern University <i>Doctor of Pharmacy</i> | 2005 - 2009 Ft Lauderdale, Florida |
| Florida International University <i>Bachelor of Science in Chemistry</i> | 1998 - 2002 Miami, Florida |

Behavioral Health Subject Matter Expert

- Manage and oversee Long-Acting Injectable Clinic where pharmacist administer first and second-generation antipsychotics with a monthly census of 160 patients.
- Manage and oversee Esketamine clinic for treatment resistant depression with an active census of 25 patients.
- Established First Pilot Clinic for Pharmacist Administered Antipsychotic Medication by Injection. (January 2020). Clinic Manager & Developer: Memorial Regional Hospital.
- 2020 Florida Best Practice Recommendations for Psychotherapeutic Medication Guidelines for Adults. (November 2019). Expert Panel Member: Florida Medicaid Drug Therapy Management Program for Behavioral Health, University of South Florida.
- 2019 Florida Best Practice Recommendations for Women of Reproductive Age with Serious Mental Illness and Comorbid Substance Use Disorders. (April 2019). Expert Panel Member: Florida Medicaid Drug Therapy Management Program for Behavioral Health, University of South Florida.
- Florida Statute 465.1893—Administration of Antipsychotic Medication by Injection. (2019). Lead Author for Protocol Development.

Pharmaceutical Industry

- Transitions of Care Experience & Solutions Advisory Board (Subject Matter Expert Participant), November 2019. Janssen: Philadelphia, PA
- Major Depressive Disorder Advisory Board (Subject Matter Expert Participant), November 2019. Janssen: Philadelphia, PA
- Accelerating Change in Schizophrenia Care: A Multidisciplinary Advisory Board (Subject Matter Expert Participant), June 2019. Janssen: Washington, DC
- Population Health Decision Maker (Subject Matter Expert), December 2019—Present. Janssen.
- Accelerated Change Strategies (Population Health Subject Matter Expert), November 2019—Present. Janssen: Miami, FL; Raleigh, NC; Dallas, Texas; Oklahoma City, OK; Orange County, CA.
- Product Theater – Aristada (Aripiprazole Lauroxil)
 - ASHP Midyear, December 2020.
 - National Broadcast, June 2021
 - National Broadcast, July 2021
- Product Theater Janssen – Spotlight on Recently Diagnosed Patients with Schizophrenia and Real World Outcomes
 - CPNP, April 2021
- Janssen Practice Management Advisory Board - Denver, CO
 - Participated as Chair and Faculty, Oct 2021
- Janssen Psychiatry Live Advisory Board – New Jersey City, NJ
 - Participated as Chair and Faculty, Oct 2021
- **Janssen**
 - Spravato (Intranasal Esketamine)
 - Speakers Bureau, April 2019 - Present.
 - LAT (Invega Sustenna/Invega Trinza)
 - Speakers Bureau, March 2020 - Present
 - Population Health Decision Makers
 - Speakers Bureau, March 2020 - Present
- **Janssen Canada**
 - Spravato (Intranasal Esketamine)
 - Speakers Bureau, July 2020 - Present.
- **Alkermes**
 - Aristada (Aripiprazole Lauroxil)

- Speakers Bureau, January 2019 - Present.
- **TEVA**
 - Uzedy (Risperidone)
 - Speakers Bureau, July 2023 - Present.
- **Otsuka**
 - Rexulti (Brexiprazole)
 - Speakers Bureau, July 2023 - Present.
- **Bristol Myers Squibb**
 - Cobenfy (Xanomeline/Trospium)
 - Speakers Bureau, Oct 2024 - Present.

Grants

- Florida State Special Appropriations Grant: Medication Assisted Treatment and Health Integration Grant, 2019-Current
- Florida Department of Children and Families, STR Opioid Crisis Response Block Grant: Medication Assisted Treatment and Emergency Department Pilot Program at Memorial Healthcare System, 2017- Current
- Florida State Special Appropriations Grant: Mothers in Recovery, Prevention of Neonatal Abstinence Syndrome, 2017-Current
- Broward County Department of Health & Human Services: Outpatient Mental Health Services, 2016-2019
- Substance Abuse and Mental Health (SAMHSA): Primary and Behavioral Health Care Integration Grant at Memorial Regional Outpatient Behavioral Health Center, 2016-2019

Presentations

- Psychiatric Medication Administration in the Outpatient Setting. (October 2023). AAPP Summit 2023
- Mechanisms of Glutamate-Induced Neurotoxicity with a focus on Potential Solutions. (August 2023). American Academy of Stem Cell Physicians
- Implementation A to Z: Establishing Long-Acting Injectable Services in the Pharmacy Setting. (May 2023). North Carolina Association of Pharmacists Monthly Webinar.
- Response to the Fentanyl Epidemic. (November 2022). Memorial Healthcare System.
- Response to the Fentanyl Epidemic. (November 2021). Memorial Healthcare System.

- Medication Assisted Treatment. (September 2019). Second Annual Broward Mental Health Summit.
- The Opioid Crisis: How it Affects You! (July 2019). United Way of Broward County Commission on Behavioral Health & Drug Prevention.
- FADAA Opioid Bridge Program. (January 2019). Florida Alcohol and Drug Abuse Association.
- United Family Court Summit—17th Judicial Circuit Court. (November 2018). Broward County, FL
- *Opiate Education/Suicide Prevention Community Outreach Panel*. (December 2018). Town of Davie & Memorial Healthcare System.
- Response to the Opioid Epidemic. (November 2018). Memorial Healthcare System.
- *The Opioid Addicted Pregnant Patient and Substance Exposed Neonate*. (September 2018). Regional Summit.
- *Innovative Hospital Approaches to Addressing the Opioid Crisis*. (November 2017). Florida Hospital Association.
- *Maternal Addiction Treatment: Preventing Neonatal Abstinence Syndrome*. (October 2016). American Hospital Association.
- *Maternal Addiction Treatment*. (February 2016). Broward Addiction and Recovery Center.
- *Maternal Addiction Treatment*. (January 2016). Banyan Health Systems.
- *Maternal Addiction Treatment*. (October 2015). United Way Commission on Substance Abuse, Flakka Action Team.
- *Maternal Addiction Treatment*. (September 2015). Broward County Department of Health, HIV and Infectious Disease Workgroup.
- *Maternal Addiction Treatment*. (August 2015). Broward County Healthy Start Association, Infant Mental Health Workgroup.
- *Psychopharmacology*. (June 2015). Broward Sheriff's Office Drug Court Program In-Service Training.

Toxicology Activity

- *County Wide Disaster Exercise*, Memorial Healthcare System, Toxicologist Representative, Jul 2024.
- *County Wide Disaster Exercise*, Memorial Healthcare System, Toxicologist Representative, Apr 2023.
- *County Wide Disaster Exercise*, Memorial Healthcare System, Toxicologist Representative, Apr 2022.
- *County Wide Disaster Exercise*, Memorial Healthcare System, Toxicologist Representative, Apr 2021.
- *County Wide Disaster Exercise*, Memorial Healthcare System, Toxicologist Representative, Feb 2020.
- *The Opioid Epidemic: Two Aspects of this Multifaceted Crisis*, Journal Academy of Clinical Toxicology (AACT): November 6, 2018; A. Augsten & R. Seabury.
- *County Wide Disaster Exercise*, Memorial Healthcare System, Toxicologist Representative, Apr 2018.

Clinical Research Projects

- The paradox of an integrated MAT-OPAT Program. (2020-2022) P. Eckardt, J. Reed, C. Vicencio, A. Augsten.
- *Effect of medication-assisted treatment on frequency of emergency department visits: A retrospective chart analysis.* (2017-2018) A. Cobb, S. Themas, R. Katz, E. Basan, C. Vicencio, & A. Augsten.
- *Differences in adverse effects profile among long acting injectable antipsychotics in a Long Acting Therapy Clinic: A retrospective study.* (2015-2017) J.G. Toledo, S. Themas, J. Sotelo & A. Augsten.
- *Effect of clinical pharmacist intervention on metabolic parameters in patients receiving long acting antipsychotic injection therapy.* (2016-2017) S. Themas, A. Augsten, C. Vicencio, & C. Alvarez.
- *Quantifying Benzodiazapene Usage Utilizing a Fixed-dose Alcohol Withdrawal Protocol in a Large Community Hospital.* (2015-2016) S. Cousins, D. Bober & A. Augsten.
- *Opioid detoxification during pregnancy to prevent neonatal abstinence syndrome.* (2015-2018) L. Scott, C. Vicencio & A. Augsten.
- *Assessment of clozapine plasma levels on stable outpatients with schizophrenia.* (2009–2010) A. Augsten, S. Popish & P. Perry.
- *Effects of valproic acid as adjunct therapy in adult schizophrenic patients.* (2008–2009) A. Augsten, & J. Marino.

Poster Presentations

- The paradox of an integrated MAT-OPAT Program. P. Eckardt, J. Reed, C. Vicencio, A. Augsten. IDSA Annual Meeting; October 2021.
- *Opioid detoxification during pregnancy to prevent neonatal abstinence syndrome.* L. Scott, C. Vicencio & A. Augsten. Society of Maternal Fetal Medicine Pregnancy Annual Meeting, Las Vegas, NV; Feb. 2019.
- *Effect of medication-assisted treatment on frequency of emergency department visits: A retrospective chart analysis.* A. Cobb, S. Themas, R. Katz, E. Basan, C. Vicencio, & A. Augsten. American Society of Health Systems Pharmacist Annual Meeting, Anaheim, CA; Dec. 2018.
- *Drug use evaluation of alteplase in patients with suspected pulmonary embolism in the emergency and intensive care unit.* V. Huffman, N. Doctor, B. Rogers & A. Augsten. American Society of Health Systems Pharmacist Annual Meeting, Anaheim, CA; Dec. 2018.
- *Addressing the Opioid Epidemic via a Transitions of Care Interdisciplinary Service...A Hospital Pilot.* S. Cousins, A. Augsten, R. Katz & C. Vicencio. Academy of Psychosomatic Medicine Annual Meeting, Orlando, FL; Nov. 2018.
- *Differences in adverse effects profile among long acting injectable antipsychotics in a Long Acting Therapy Clinic: A retrospective study.* J.G. Toledo, S. Themas, J. Sotelo & A. Augsten. College of Psychiatric and Neurological Pharmacist Annual Meeting, Indianapolis, IN; Apr. 2018.
- *Pharmacologic Management of Parkinson's Disease Related Psychosis.* S. Cousins, A. Augsten & J.L. Sotelo. Academy of Psychosomatic Medicine Annual Meeting, Palm Springs, CA; Nov. 2017.
- *Antidepressants and Increased Risk of Fractures and Osteoporosis in Elderly Patients: A Literature Review.* S. Themas, A. Augsten & J.L. Sotelo. Academy of Psychosomatic Medicine Annual Meeting, Palm Springs, CA; Nov. 2017.
- *Effect of clinical pharmacist intervention on metabolic parameters in patients receiving long acting antipsychotic injection therapy.* S. Themas, A. Augsten, C. Vicencio, & C. Alvarez. College of Psychiatric and Neurological Pharmacist Annual Meeting, Phoenix, AZ; Apr. 2017.
- *Effect of clinical pharmacist intervention on metabolic parameters in patients receiving long acting antipsychotic injection therapy.* S. Themas, A. Augsten, C. Vicencio, & C.

Alvarez. American Society of Health Systems Pharmacist Annual Meeting, Las Vegas, NV; Dec. 2016.

- *Long Acting Therapy Clinic: A Pharmacy Initiative for the Integrated Treatment of SMI.* A. Augsten & D. Bober. College of Psychiatric and Neurological Pharmacist Annual Meeting, Colorado Springs, CO Apr. 2016.
- *Prophylactic Clozapine Plasma Concentrations in Stable Outpatient Schizophrenics.* A. Augsten, S. Popish & P. Perry. College of Psychiatric and Neurological Pharmacist Annual Meeting, Phoenix, AZ Apr. 2011.
- *Postictal Psychosis Successfully Treated with Quetiapine.* A. Augsten, & J. Marino. College of Psychiatric and Neurological Pharmacist Annual Meeting, Jacksonville, FL; Apr. 2009.

Peer Reviewer

- December 2018. America's Essential Hospitals: VITALS 2019. Reviewer for program proposals.
 - April 2016. Journal of Pharmacy Practice. "*Guideline Implementation for Monitoring and Management of Antipsychotic-Associated Metabolic Symptoms*"
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Media Relations

- Memorial Health System/Twitter (@mhshospital:
[https://urldefense.com/v3/_https://mobile.twitter.com/mhshospital_!!BS-MXwli!DG78UR6etZI9n0sDvvp5YjwsN4vtM6Dia8LayjUXf11UdJPWxINbsco067zDXoD3MeVAZmCSDU21f76R2I55cVZo\\$](https://urldefense.com/v3/_https://mobile.twitter.com/mhshospital_!!BS-MXwli!DG78UR6etZI9n0sDvvp5YjwsN4vtM6Dia8LayjUXf11UdJPWxINbsco067zDXoD3MeVAZmCSDU21f76R2I55cVZo$)
- "As prom season nears, health expert warns teens, parents about drugs with fentanyl" - WSVN 7News | Miami News, Weather, Sports | Fort Lauderdale:
<https://wsvn.com/news/local/broward/as-prom-season-nears-health-expert-warns-teens-parents-about-drugs-with-fentanyl/>
- "FDA focuses on safe disposal of addictive opiates" Local10 news:
<https://www.local10.com/news/local/2022/04/28/fda-focuses-on-safe-disposal-of-addictive-opiates/>
- "Good Health: The dangers of misusing ADHD drug Adderall":
<https://www.clickondetroit.com/health/good-health/2019/11/06/good-health-the-dangers-of-misusing-adhd-drug-adderall/>

- “La importancia de concientizar sobre los peligros de los opioide”
<https://www.univision.com/local/miami-wltv/la-importancia-del-cuidado-de-la-salud-mental-y-las-adicciones-video>
- “La importancia del cuidado de la salud mental y las adicciones” | Video | Univision 23 Miami WLTv | Univision:
<https://www.univision.com/local/miami-wltv/la-importancia-del-cuidado-de-la-salud-mental-y-las-adicciones-video>
- “*Could an injectable drug unlock the darkness of depression? Infusions of ketamine being used off label*” WPLG LOCAL Channel 10, Anchor Kristi Krueger, May 2018.
<https://www.local10.com/news/local-10-investigates/could-an-injectable-drug-unlock-the-darkness-of-depression>
- “*FADAA-Hospital Diversion Programs*” Florida Alcohol and Drug Abuse Association, Mar. 2018
<https://youtu.be/BU17gXYXn8s>
- “*Breaking The Chain Of Addiction: Long-Acting Clinic Helping Those Struggling With Addiction*” Memorial Healthcare System, Jun. 2017
<https://www.youtube.com/watch?v=uXIZgsEwE8w>
- “*Flakka es la Nueva Droga mas Barata que la Cocaína y mas Peligrosa*” Radio Caracol 1260 Am, Jan. 2016
<http://www.caracol1260.com/escucha/llevar/flakka-es-la-nueva-droga-mas-barata-que-la-cocaina-y-mas-peligrosa/20160113/llevar/3036988.aspx>

Publications

- Rodulfo A, Augsten A, Wainwright E, Abramovici G. A Case of Severe Fioricet Withdrawal Presenting During Admission to an Inpatient Psychiatric Unit. Case Rep Psychiatry. 2021 Nov 8; 2021:6371953
- Marino J, Augsten A, Henry J. Postictal psychosis successfully treated with quetiapine: a case report. Ann Pharmacother. 2009; 43(9):1544.
- Chatfield DC, Augsten A, D’ Cunha C, et al. Correlation times and adiabatic barriers for methyl rotation in SNase. Journal of Biomolecular NMR. 2004; 29(3):377-85.
- Chatfield DC, Augsten A, D’ Cunha C, et al. Methyl dynamics in crystalline amino acids: MD and NMR. Journal of Computational Chemistry. 2003; 24(9):1052-8.

Experiential Preceptor

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| Memorial Regional Hospital <i>Pharmacy Practice Residents</i> | Jun. 2011- Present Ft Lauderdale, Florida |
| NOVA Southeastern University <i>Doctor of Pharmacy Students</i> | Jun. 2011- Present Ft Lauderdale, Florida |
| University of Florida <i>Doctor of Pharmacy Students</i> | Jun. 2011- Present Ft Lauderdale, Florida |
| University of South Carolina <i>Doctor of Pharmacy Students</i> | Jan. 2012- Present Ft Lauderdale, Florida |
| Mercer University <i>Doctor of Pharmacy Students</i> | Jan. 2012- 2020 Ft Lauderdale, Florida |
| Florida Atlantic University <i>Doctor of Medicine Students</i> | Jun. 2014- Present Ft Lauderdale, Florida |

Professional Certificates and Licenses

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| Diplomate of the American Board of Applied Toxicology | 2016 - Present |
| MTM Certified | 2013 - Present |
| Board Certified Psychiatric Pharmacist | 2011 - Present |
| State of Florida Pharmacist License # PS45619 | 2009 - Present |
| Healthcare Provider Basic Life Support | 2005 - Present |

Skills

Languages

- English: Fluent
- Spanish: Fluent
- French: Basic
- Italian: Basic

Professional/Personal Memberships Activities

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| President of ALBION Miami Soccer Club | 2021- Present |
| Treasure of ALBION Miami Soccer Club | 2019 - 2021 |
| American Academy of Clinical Toxicology (AACT) | 2011 - Present |
| American Association of Psychiatric Pharmacists (AAPP) | 2011 - Present |
| American Society of Health-System Pharmacists (ASHP) | 2017 - Present |