

# Addiction Medicine

<b>Name of Person Submitting Request</b>	David H. Ryan MD
<b>Date Submitted</b>	6/18/24

<b>Course Director</b>	David H. Ryan MD FASAM FACOG Clinical Assistant Professor
<b>Course Coordinator</b>	Same as above
<b>Contact Information</b>	<a href="mailto:ryand22@ecu.edu">ryand22@ecu.edu</a> 252-341-6820
<b>Character-Limited Course Title</b>	Addiction Medicine
<b>Course Location</b>	ECU Health Medical Center ECU Health Behavioral Health
<b>Course Description</b>	This course will provide students a well-rounded experience in addiction medicine focused on the prevention, evaluation, diagnosis, treatment, and recovery of persons with the disease of addiction, of those with substance related health conditions, and of people who show unhealthy use of substances including nicotine, alcohol, prescription medications, and other licit and illicit substances.
<b>Educational Objectives</b>	<ul style="list-style-type: none"> <li>• Demonstrate a foundational understanding of the epidemiology, neurophysiology, signs, symptoms, risk factors, diagnosis and treatment options for substance use disorders</li> <li>• Take an appropriate substance use specific history implementing non-stigmatizing language and appreciate its unique aspects compared to other clinical topics.</li> <li>• Differentiate the types of addiction inpatient, outpatient, and medication treatment options</li> <li>• Discuss laws around addiction including opioid prescribing, STOP act, Narx Scores, and the Overdose Risk Score</li> <li>• Practice integrating evidence-based practices and advise on the types of agonist therapy for inpatients with opioid use disorders prior to discharge</li> <li>• Synthesize plans to counsel patients using a non-judgmental, motivational interviewing approach with SUD</li> <li>• Interpret urine toxicology testing results</li> <li>• Incorporate overdose prevention into clinical counseling with patients at risk for overdose and recognize other harm reduction strategies</li> <li>• Adjust approaches to SUD to account for a multicultural population</li> </ul>
<b>Course Activities</b>	This clinical elective pairs a trainee with an addiction medicine specialist to gain hands-on experience in conducting focused addiction assessments and developing appropriate management plans for patients with a substance use disorder. The curriculum can include the following experiences depending on



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	availability: <ul style="list-style-type: none"> <li>• Addiction Medicine Inpatient consult service: assessing, managing, and linking post-discharge care to inpatients with substance use disorders.</li> <li>• Outpatient Addiction Medicine Clinic</li> <li>• eKIM Needle Exchange: a session with the staff observing syringe exchange encounters and overdose prevention with naloxone distribution</li> <li>• Psychiatric Medicine Projects-to include evidence-based classical readings and exploration of evidence-based treatments</li> <li>• Grand Rounds – Psychiatric Medicine Department – ECU SOM</li> <li>• Psychiatric Telemedicine</li> <li>• Psychiatric CL service in the ED setting for patients with substance use, overdoses, and under IVC for substance use</li> <li>• Weekly didactics</li> </ul>
<b>Required Readings</b>	None
<b>Course Assessment</b>	<p>Students should meet with the attending weekly for feedback on their performance. At the end of the rotation, feedback will be elicited from attendings and team members the student worked with to assess the student's achievement of the learning objectives based on clinical performance.</p> <p>Formative Assessments: Verbal feedback will occur while working with attending physicians and assigned staff while on elective inpatient service. If during the rotation there are concerns about clinical competencies the student has not achieved or any other learning issues, Dr. Ryan will also discuss this with the student prior to the end of the rotation to assist the student in passing the rotation.</p>
<b>Schedule Requirements</b>	No on-call requirement. Students are present during usual clinical hours (7:30am – 5:00pm, Monday – Friday, excluding holidays as determined by the ECU calendar).
<b>Service Learning</b>	Does not require a service-learning component <input checked="" type="checkbox"/> Requires a service-learning component <input type="checkbox"/> If the course does require a service-learning component, please insert an explanation of the components required for the course.
<b>Interprofessional Collaboration</b>	Does not include opportunities for interprofessional collaboration <input type="checkbox"/> Does provide opportunities for interprofessional collaboration <input checked="" type="checkbox"/> Collaboration of care with primary medical teams will take place during time on the inpatient consult service

<b>Duration</b>	2 Weeks <input type="checkbox"/>	4 Weeks <input type="checkbox"/>	Either <input checked="" type="checkbox"/>
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<b>Level of Elective</b>	M3 <input type="checkbox"/>	M4 <input type="checkbox"/>	Both <input checked="" type="checkbox"/>
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<b>Designation</b>	Primary Care <input type="checkbox"/>	ICU <input type="checkbox"/>	Online <input type="checkbox"/>	Non-Clinical <input type="checkbox"/>	Longitudinal <input type="checkbox"/>
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<b>Special Permission</b>	Special Permission Required <input checked="" type="checkbox"/>	No Permission Required <input checked="" type="checkbox"/>
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**Certification Statement**

*By entering my name in the box below I certify that this course will be directed by the identified Course Director or Preceptor, who is a member of the faculty of the Brody School of Medicine or has otherwise been approved to direct this activity. I also certify that this elective has been approved by the department chair and the department will provide the needed resources to conduct this rotation.*

<b>Certified By:</b>	David H. Ryan MD
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*\*Submit completed form to Dr. James Ward ([wardjam17@ecu.edu](mailto:wardjam17@ecu.edu)) in The Office of Medical Education. All forms should be submitted electronically and in Word format.*

*\*\*Incomplete forms will not be accepted. Any form missing information will be returned for completion.*

*For Internal Use Only:*

<b>Banner Course Title</b>	
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<b>CCC Approved Date</b>		<b>ECC Approved Date</b>	
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# David H. Ryan MD FASAM FACOG

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Greenville NC 27858

252.341.6820  
ryand22@ecu.edu

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## CV Summary

Addiction medicine physician, OB/GYN, and leader with 12+ years of total clinical experience. Credentials include completion of a one-year ACGME Addiction Medicine fellowship, and board certification in both OB/GYN and Addiction Medicine. Designated a Fellow of the American Society of Addiction Medicine and a Fellow of the American College of Obstetricians and Gynecologists. Responsibilities included direct patient care, leading clinical teams, supervision of advanced practice clinicians, and education of students, residents, fellows, and attendings.

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## Professional Experience

### East Carolina University, Brody School of Medicine

#### Department of Psychiatry and Behavioral Medicine

#### Department of OB/GYN

Greenville, NC

#### **Clinical Assistant Professor**

Sept 2023 -

Present

- Provide inpatient addiction care through Psych C/L service
- Outpatient addiction care for substance use disorders
- NC STAR network leader for Eastern NC
- Outpatient general OB/GYN care through ECU Faculty Clinic

### Walter B Jones Alcohol and Drug Abuse Treatment Center

Greenville, NC

#### **Medical Director**

Aug 2022 - Aug 2023

- Clinician leader of the medical team (3 PAs and 1 MD), with responsibilities that included supervision, chart review, administrative responsibilities, and direct patient care
- Provided inpatient addiction and psychiatric care in an ASAM 3.5 recovery unit
- Provider at the WBJ Opioid Treatment Program

### VCU Health System, Department of Psychiatry

Richmond, VA

#### **Assistant Professor, Division of Addiction Medicine**

Jul 2021 - Jul 2022

- Physician leader of the inpatient addiction consult team for patients at VCU Hospital
- Outpatient addiction care for substance use disorders
- Supervised and oriented NPs on both the inpatient and outpatient service lines
- Active in the education of medical students, residents, and fellows
- Presented lectures and Grand Rounds to multiple departments at VCU
- Faculty sponsor for a 4th year medical student elective in Addiction Medicine

- Provided care through an addiction clinic for perinatal women through VCU OB/GYN

### **DREAM Provider Care Services**

Washington, NC

#### **Provider**

Aug 2019 - Jun 2020

- Provided addiction care through an OBOT

### **OBHG at UNC Rex Hospital**

Raleigh, NC

#### **OB/GYN Hospitalist**

Feb 2019 - Jun 2020

- Provided 24/7 coverage for the OB ED and unassigned emergent GYN care

### **Greenville Women's Clinic**

Greenville, NC

#### **Provider / Partner**

Aug 2011 - Feb 2019

- Private practice OB/GYN generalist, which included outpatient and inpatient obstetric and gynecologic care, and overnight call
- 2016-2018, managing partner / board member of Physicians East

### **Post Graduate Training and Education**

#### **Fellowship (ACGME), Addiction Medicine**

Jul 2020 - Jun 2021

University of North Carolina, Chapel Hill, NC

#### **Residency (ACGME), Obstetrics and Gynecology**

Jul 2007 - Jun 2011

University of North Carolina, Chapel Hill, NC

#### **Doctor of Medicine**

Aug 2003 - May 2007

University of Virginia, Charlottesville, VA

#### **Bachelor of Science, Zoology**

Aug 1999 - May 2003

University of Florida, Gainesville, FL

### **Skills**

- I am an effective educator, and have a passion for cultivating an environment that encourages learning and education
- I build rapport with colleagues and therapeutic relationships with patients quickly and successfully
- I am a lifelong student and successful utilizer of motivational interviewing as it relates to addiction and behavior change
- I have experience and a strong interest in harm reduction, working to eliminate stigma and stigmatizing language, and treating substance use disorders in the perinatal and postpartum population

### **Committee Memberships**

**Committee on Physician Health, ECU Health, Member, Jan 2024 - Present**

**Credentialing Committee, ECU Health, Member, Jan 2024 - Present**

### **Professional Memberships**

**American College of Academic Addiction Medicine, 2023 - Present**

**American Society of Addiction Medicine, Fellow, 2019 - Present**

**American College of Obstetricians and Gynecologists, Fellow, 2014-Present**

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### **Certifications**

**Addiction Medicine Board, American Board of Preventive Medicine, 2022 - Present**

**Obstetrics and Gynecology Board, American Board of OB/GYN, 2013 - Present**

**North Carolina Medical License, 2011-00331, 2010 - Present**

**Previously buprenorphine waived with extensions, Dec 2016, May 2018, Aug 2021**

**CrossFit Level 2 Trainer, Aug 2023 - Present**

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### **Presentations**

#### **Substance Use Disorders and Women's Health / Pregnancy**

##### **Addiction, Opioid Use Disorder, and Pregnancy**

North Carolina Addiction Medicine Society Annual Conference, Apr 2024

North Carolina OB/GYN Society Meeting, Feb 2024

Perinatal Quality Collaborative of North Carolina meeting, Sept 2023, Apr 2022

ECU OB/GYN Grand Rounds, Feb 2022

VCU and UNC Psychiatry, 2020-21

##### **The Intersection of HIV/Hep C + and Maternal SUDs**

Southeast Prevention Training Center, May 2023

##### **Substance Use Disorders and Women's Health**

Eastern AHEC Women's Health Conference, Feb 2023

University of Michigan Addiction Psychiatry, Mar 2023

Pitt County Community College, Nursing Program, May 2023

UNC Medical School, Addiction Medicine MS4 Elective, June 2023

UVA OB/GYN Grand Rounds, Apr 2022

#### **Addiction / Treatment / Behavior Change**

##### **Opioids, Addiction, and Life-Saving Medication**

Kintegra Health System, May 2024

ECU Family Medicine Residency Preparation Course, Jan 2024, Apr 2024

ECU Nurse Practitioner Class, Apr 2024

Cape Fear Valley Medical Center, Internal Medicine Grand Rounds, Feb 2024

ECU Family Medicine Department Grand Rounds, Jan 2024

Eastern AHEC DEA MATE Education Requirement Lecture Series, Sept 2023

### **Clinical Updates and Challenges: Opioid Use Disorder**

North Carolina Addiction Medicine Society Annual Conference, Apr 2024

### **Narcan and Harm Reduction in the setting of Opioid Use Disorder**

Greene County Health Department, Apr 2024

### **Addiction, Opioid Use, and Safe Prescribing**

ECU Health Grand Rounds, Dept of Surgery, Sept 2023

Curi Insurance, Medical Malpractice CME event, Jun 2023

North Carolina Foot and Ankle Society, Jan 2023

### **Opioid Use, Addiction, and Stigma**

Eastern AHEC Opioid Prescribing Seminar, July 2023

Walter B Jones New Employee Orientations, 2022-2023

### **The Neuroscience of Addiction**

Metaverse Horizon Worlds, HouseCall VR Auditorium, Apr 2023

### **Microdosing Induction for Buprenorphine**

Virginia ECHO Project, Dec 2021

### **Alcohol Use Disorder**

Carolina East Medical Center, Apr 2024

VCU Health, Internal Med Grand Rounds, Dec 2021

Inpatient Trauma Surgery Service, Oct 2021

### **PCCS MAT Waiver Training**

November 2020, June 2021, February 2021

### **Motivational Interviewing and Substance Use**

VA Court, Fayetteville NC, Dec 2020

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## **Publications**

### **A Randomized Sexual Health Intervention for Women in Treatment for Opioid Use Disorder: Sex and Female Empowerment (SAFE) Increases**

**Reproductive Knowledge and Contraceptive Self-Efficacy;** Johnson E, Ryan D, O'Grady KE, Slaughter G, Hairston E, Martin CE, Andringa K, Ellerson RM, Jones HE; Journal of Addiction and Addictive Disorders, August 2023

**Reevaluation of Discriminatory and Threshold Levels for Serum  $\beta$ -hCG in Early Pregnancy;** AnnaMarie Connolly, MD, **David H. Ryan, MD**, Alison Steube, MD, Honor Wolfe, MD; Obstetrics & Gynecology, January 2013

## **Grant Submission**

### **Under review**

**Principal Investigator. Chandra Speight. NOFO No: TI-24-001. ECU-AMMPeD:** Amplifying Medical, Midwifery, Nurse Practitioner, and Dental Education to Address the Substance Use Crisis in Eastern North Carolina. Substance Abuse and Mental Health Services Administration (SAMHSA). This project's goal is to reduce health disparities and improve substance use disorder outcomes in Eastern North Carolina by improving access to equitably delivered, evidence-based substance use disorder treatment through implementation of a comprehensive and sustainable academic and regional education program. Submitted April 2024. Direct costs requested: ~~\$815,984~~. \$821,240. Total costs requested: \$886,93

### **[MPIs]: Courtney Caiola & Chandra Speight. 1R61DA062332-01 NIH/NIDA Submitted: March 2024**

Title: Building Infrastructure for Rural Treatment and Harm Reduction Services for Pregnant and Parenting People and Families (BIRTH PrePP)

Goal: To examine the efficacy and implementation of a region-specific, collaborative model of care that includes integrated, family-centered perinatal and OUD care and supportive services to improve family and maternal outcomes in Eastern North Carolina.

Direct Costs Requested: \$2,612,828

Total Costs Requested: \$3,940,355

## Dozier, Lisa

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**From:** Lang, Michael  
**Sent:** Tuesday, June 25, 2024 12:16 PM  
**To:** Dozier, Lisa; Ryan, David Hallmark  
**Cc:** Fagnano, Devin Ashley  
**Subject:** Re: Support for a 4th year medical student

Hi Lisa,

I am in full support of Dr Ryan and the Dept developing a medical student rotation as part of the Addiction Division of our Department. This rotation is in alignment with several overarching goals at the Department and school levels. I am very active in developing the addiction division including a fellowship and so a medical student presence is a natural offshoot of that. Dr Ryan has been very active as well in helping me build this and he has shown himself to be an excellent teacher already via our resident rotation. The school very much wants to accentuate addiction education and have all the students X-waivered at graduation. This would build on that baseline giving them solid patient care experience and evidence-based teaching. So, in short yes let's please move forward with building this rotation for the students. Thanks.

Michael Lang MD, FACP, DFAPA  
Professor of Medicine & Psychiatry- East Carolina University  
Departments of Psychiatry and Internal Medicine  
Chair-Department of Psychiatry and Behavioral Medicine  
Chief of Service, Psychiatry- ECU Health Medical Center  
Director- Electroconvulsive Therapy and Transcranial Magnetic Stimulation Programs  
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