CURRICULUM VITAE

Charles Shuman MD

<u>Present Positions:</u>	Confluence Psychiatry PLLC Owner/Psychiatrist Private Practice 1127 Auraria Parkway Suite 25 Denver, CO 80204 303-870-8331 <u>cshuman@confluencemd.com</u>	2016-Present
	Medical Director/Psychiatrist	
	Northstar Transitions Young Adult Residential Substance Use Disorder Treatment Program Boulder, Colorado	2016-Present
	AspenRidge Dual Diagnosis Substance Use Disorder Treatmen Lakewood, Colorado	2016-Present t Program
	Crossroads Treatment Center of Denver Opioid Use Disorder Treatment Program Denver, Colorado	2016 – Present
Education:		
Addiction Psychiatry Fellowship, Aurora, Colorado University of Colorado Health Sciences Center		2008 – 2009
Psychiatry Residency University of Florida	<i>ı,</i> Gainesville, Florida	2001 – 2004
Internship, Gainesvil University of Florida	le, Florida	2000 – 2001
M.D. Philadelphia, Po Temple University	ennsylvania	1995 – 2000

BA – Biology Philadelphia, Pennsylvania Temple University	1992 - 1995
Previous Professional Positions:	
Attending Psychiatrist Denver Health Medical Center	2009-2015
Part Time Private Practice Western Sky Psychiatry, Denver, Colorado	2009
Medical Staff Physician Ft. Logan Mental Health Institute, Denver, Colorado	2007 - 2008
Attending Psychiatrist Eastern Carolina Brody School of Medicine, Greenville, North Carolina	2005 - 2007
Private Practice Psychiatry Greenville Psychiatric Associates, Greenville, North Carolina	2004 - 2005
Administrative Appointments and Community Leadership:	
Colorado Supreme Court Office of Attorney Regulation Council, Council Member	2016- Present
Colorado Society of Addiction Medicine President Elect	2018-Present
Colorado Psychiatric Society, Legislative Committee Member	2016- 2027
Colorado Psychiatric Society, Senior Trustee	2017-2018
Medical Director, Addiction Recovery Center and Methadone Clinic Denver Health Medical Center	2014-2015
Pain Management Workgroup – Denver Health Medical Center Behavioral Health Representative	2014-2015
Managed Care High Utilizers Workgroup – Denver Health Medical Center Behavioral Health Representative	2014
Patient Safety Net – Physician Manager University HealthSystem Consortium	2011-2015

Denver Health Medical Center

Substance Abuse and Mental Health Services Administration's Center for Substance Abuse Treatment (CSAT) Mentor – Physicians Clinical Support System – Buprenorphine	2011-2015
Medical Director, Substance Use Disorder Services Denver Health Medical Center	2009-2014
Advocates for Recovery – Board Member Denver, Colorado	2012-2013
Denver Epidemiology Workgroup participant The Denver Office of Drug Strategy	2011-2012
Community Health Assessment report 2011 Envornmental Health City and County of Denver Participated in drafting substance abuse section of report	2011
Signal Behavioral Health Network - Tobacco Use Recovery Now Colorado Department of Public Health and the Environment Committee member	2009-2010
Physician supervisor, Electroconvulsive Therapy Services Colorado Mental Health Institute at Fort Logan	2007 - 2008
Member, Pharmacy and Therapeutics Committee Colorado Mental Health institute at Fort Logan	2007 - 2008
Physician supervisor, Electroconvulsive Therapy Services Eastern Carolina University, Pitt County Memorial Hospital	2006 - 2007
Member, Personnel Committee Eastern Carolina University, Department of Psychiatry	2006 – 2007
Faculty Appointments:	
Assistant Professor University of Colorado, Department of Psychiatry	2009 - 2015
Senior Instructor University of Colorado, Department of Psychiatry	2007 - 2008
Assistant Professor	2005 - 2007

Eastern Carolina University, Greenville, North Carolina

Honors and Awards:

Signal Behavioral Health Network Quality Improvement of the Year Award Denver Health, Substance Use Disorders Services	2010
Psychiatry Resident in Training Exam Award University of Colorado	2009
Outstanding Instructor Medical Neuroscience Award University of Florida	2004
John G. Adams Memorial Academic Achievement Award University of Florida	2003 & 2004
Phi Beta Kappa Temple University	1995
Temple University Presidential Scholar Temple University	1995
B.A. Biology Summa Cum Laude Temple University	1995
Golden Key National Honors Society Temple University	1994
Licensure and Specialty Boards:	
Board Certified by American Board of Psychiatry and Neurology	
General Psychiatry	2007
Addiction Psychiatry	2010
Colorado Medical License	Current
Florida Medical License	Retired
North Carolina Medical license	Retired

DEA controlled substances provider registration	Current
Buprenorphine provider DEA registration number	Current
Hospital Privileges Porter Adventist Hospital	Active

Professional Societies:

American Society of Addiction Medicine	Member
Colorado Society of Addiction Medicine	President Elect
American Psychiatric Association	Member
Colorado Psychiatric Society	Senior Trustee

Teaching leadership and administration:

Medical Students

Course Director - PSYM 6632 fall and spring semesters, addiction psychiatry Denver CARES elective, freshman and sophomore medical students, Denver CARES, University of Colorado, 2009 – 2015

<u>Residents</u>

Course Director Electroconvulsive Therapy clerkship 3rd and 4th year psychiatry residents Eastern Carolina University, 2006-2007 Developed didactics, clinical rotation, and final exam

<u>Fellows</u>

Interim Addiction Psychiatry Fellowship training director, University of Colorado, Denver Health training site, 2014

Scientific presentations and classroom instructional activities:

Medical Students

PSYM 6632 Elective Fall and Spring semesters - Shuman, C "Introduction to Denver CARES and Detoxification ", Addiction Psychiatry Elective, Freshman and Sophomore Medical Students, Denver CARES, University of Colorado, Lecture given biannually in Spring and Fall Semesters 2009 – 2015 Shuman, C "Dementia" junior medical student lecture, psychopharmacology, Eastern Carolina University, 2006 Quarterly lecture

Shuman, C "Hypnotics" junior medical student lecture, psychopharmacology, Eastern Carolina University, 2006 Quarterly lecture

Shuman, C "Antipsychotics" junior medical student lecture, psychopharmacology, Eastern Carolina University, 2006 Quarterly lecture

M2 basic psychiatry course - Shuman, C "Introduction to the DSM IV' Sophomore Medical Student Lecture, Eastern Carolina University, Brody School of Medicine, 2005 – 2006 Annual lecture

Assistant Instructor, Neuroanatomy laboratory, Freshman Medical Students, University of Florida, School of Medicine 2004, 3-month rotation

<u>Residents</u>

Shuman, C "Antidepressants" Advanced Psychopharmacotherapy Seminar, Eastern Carolina University, Department of Psychiatry, PGY III-IV Residents, 2006

Shuman, C "Mood Stabilizers" Advanced Psychopharmacotherapy Seminar, Eastern Carolina University, Department of Psychiatry, PGY III-IV Residents, 2006

Shuman, C "Substance Abuse" Adult Psychopathology Seminar, Eastern Carolina University, Department of Psychiatry, PGY III-IV Residents, 2006

Shuman, C "Cognitive Disorders" Adult Psychopathology Seminar, Eastern Carolina University, Department of Psychiatry, PGY III-IV Residents, 2006

Shuman, C "Cognitive Enhancing Agents" Advanced Psychopharmacotherapy Seminar, Eastern Carolina University, Department of Psychiatry, PGY III-IV Residents, Shuman, C "Stimulants" Advanced Psychopharmacotherapy Seminar, Eastern Carolina University, Department of Psychiatry, PGY III-IV Residents, 2006

Shuman, C "Somatoform Disorders" Adult Psychopathology Seminar, Eastern Carolina University, Department of Psychiatry, PGY III-IV Residents, 2006

Shuman, C "Sleep Disorders" Adult Psychopathology Seminar, Eastern Carolina University, Department of Psychiatry, PGY III-IV Residents, 2006

Shuman, C "Electroconvulsive therapy" Three Part Seminar, Eastern Carolina University, Department of Psychiatry, PGY III-IV Residents, 2005 -2006, Annual lecture

<u>Fellows</u>

Shuman, C "Buprenorphine and opioid Antagonist therapies for Opioid Dependence" University of Colorado, Addiction Psychiatry Fellowship Seminar, Denver Health, Annual lecture 2010-2015

Shuman, C "HIV and Medication Assisted Therapy for Substance dependence" University of Colorado, Addiction Psychiatry Fellowship Seminar, Denver Health, University of Colorado, Annual lecture 2010-2015

Shuman, C "Co-Occurring Disorders" University of Colorado, Addiction Psychiatry Fellowship Seminar, Denver Health, University of Colorado, Annual lecture 2009-2015

Shuman, C "Prescription Drug Abuse" University of Colorado, Addiction Psychiatry Fellowship Seminar, Denver Health, University of Colorado, Annual Lecture 2009-2013

Shuman, C" Substance Use Disorders and Consult Liaison Psychiatry" University of Colorado, Consult Liaison Psychiatry Fellowship Seminar, Denver Health, April. 2014

General Professional Audience

Testimony Denver City Council regarding HB 14-1364 - Concerning the Addition of Post-Traumatic Stress Disorder to the List of Debilitating Medical Conditions for the Purposes of Medical Marijuana Use, April 2014

Lecturer and small group moderator, CSAT buprenorphine "Half and Half course" Denver Health and Hospital Authority March 2011, September 2012, 2013, 2014 and March 2015 for physicians to be licensed by the DEA to prescribe buprenorphine for opioid dependence,

Denver Drug Epidemiology Work Group "Medication Assisted Therapy for Opioid Prescription Dependence" Oct 4th 2011

Thurstone, C, Shuman C "Medical Marijuana" University of Colorado Health Science Center Department of Psychiatry Grand Rounds Presentation March 30th 2011

Shuman, C "Prescription Drug Abuse" Psychotherapy Associates 35th Annual Advanced International Winter Symposium, Colorado Springs, Colorado, Jan. 30th 2009

Shuman, C "Substance Dependence and Insomnia" Continuing Education Presentation CeDAR - Center for Dependency, Addiction and Rehabilitation at University of Colorado Hospital Oct. 17th 2008 Shuman, C "Dual Diagnosis – Psychiatric Disorders and Substance Dependence" Continuing Education Presentation, CeDAR - Center for Dependency, Addiction and Rehabilitation at University of Colorado Hospital Oct. 3rd 2008

Shuman, C "Motivational Enhancement Therapy for Substance Dependence" Continuing Education Presentation CeDAR - Center for Dependency, Addiction and Rehabilitation at University of Colorado Hospital Sept. 5th 2008

Shuman C. "Psychiatry and the Medical Management of the Seriously Mentally III (SMI)" Eastern Carolina University Department of Psychiatry Grand Rounds Presentation Feb 12th 2007

Shuman, C "Substance Abuse Related Emergencies" North Carolina Area Health Education Series CME presentation, Greenville North Carolina, Pitt County Memorial Hospital, December 2005

Case Conferences and Journal Clubs:

<u>Residents</u>

Journal Club Moderator, Eastern Carolina University, Department of Psychiatry, PGY I-IV Residents, Monthly 2006

Case Conference Moderator, Eastern Carolina University, Department of Psychiatry, PGY I-IV Residents, Monthly 2005 – 2006 Pitt County Memorial Hospital

<u>Fellows</u>

Co-facilitator Weekly Case Conference and journal club series, Addiction Psychiatry Fellows, Denver Health, University of Colorado, 2009 – 2015

Clinical teaching activities

Medical Students

Attending, Psychiatry Clerkship - Inpatient Psychiatry, junior medical Students, Eastern Carolina University, 2005 – 2007

Residents

Attending - PGY III & IV psychiatry residents, Addiction Psychiatry Elective, Denver Health, University of Colorado, 2009–2014, Site Denver Health Outpatient Behavioral Health Services Attending - HIV Addiction Psychiatry, PGY IV Elective rotation, Denver Health, University of Colorado, 2009 – 2010, Site: Denver Health Infectious Disease clinic

Electroconvulsive therapy clinical rotation, PGY III-IV psychiatry residents, Eastern Carolina University, 2006-2007 Site: Pitt County Memorial Hospital

Attending - Inpatient Psychiatry, PGY I-II Psychiatry Core Rotation, Eastern Carolina University, 2005 – 2007, Site: Pitt County Memorial Hospital

<u>Fellows</u>

Attending – Addiction Psychiatry Fellows and Addiction Medicine fellows, Denver Health, University of Colorado, 2009 – 2015, Site Denver Health Outpatient Behavioral Health Services

Attending - Consult Liaison Psychiatry Fellow, Denver Health, University of Colorado, 2014, Site Denver Health Outpatient Behavioral Health Services

Attending – HIV Addiction Psychiatry, Addiction Psychiatry Fellows, Denver Health, University of Colorado, 2009 -2010 Denver Health Infectious disease clinic

Addiction Psychiatry Fellow University of Colorado, Center for Addiction Recovery and Rehabilitation (CeDAR) 2008 taught medical students on addiction psychiatry rotation

Publications:

Papers published in peer-reviewed journals

Cigarette Smoking in Methadone Maintained Patients: An Up-to-Date Review. Zirakzadeh A, Shuman C, Stauter E, Hays JT, Ebbert JO.Curr 2013 Mar 14. Drug Abuse Rev.

"Perceptions and Use of Medical Marijuana in an Urban Substance Treatment Program" C. Shuman, C. Thurstone, L. Cobb, March 30, 2012. The Journal of Global Drug Policy and Practice

Intravenous Vitamin K1 prior to orthotopic heart transplantation: effect in vivo and in vitro. Acta Anesthesiologica Scandinavica. 411(1 Pt 1):78-83, 1997 Jan. Barnette RE. Wendling WW. Schweiger JW. Brister NW. Schartel SA. Chen D. Shuman CA. McClurken JB. Jeevanandaam V.

Porcine Gastroepiploic artery as an in vitro experimental model to study vasodilator in microsurgery. Annals of Plastic Surgery. 36(5):502-7, 1996 May. Kim DC. Chen D. Perrotta VJ. Shuman CA. Wendling WW. Harakal C. Mitra A.

Book chapters

Bringing the Family into Focus: Collaborative Inpatient Psychiatric Care. Book Chapter, Jennifer Hodgson, PhD, LMFT, Charles Shuman, MD, et all. Pages 351-363: Book Editors: Rodger Kessler and Dale Strafford. Collaborative Medicine Case Studies: Evidence in Practice, Springer. 2008

Scientific abstracts published or presented at scientific meetings

Ryan Borne MD, Charles Shuman MD, Joseph Schuller MD, Carol Traut MD, Kelly Clark MD, Mori J. Krantz MD. A practical approach to implementing a cardiac intervention in Opioid Treatment Programs. Global Addiction June, 2014, Rome, Italy.

C. Shuman, American Society of Addiction Medicine, Annual Meeting, Atlanta Georgia 2012, Oral paper presentation Perceptions and Use of Medical Marijuana in an Urban Substance Treatment Program

Poster Presentation

C. Shuman, A. Loebach 25th Annual Rocky Mountain Inter-Professional Research & Evidence-Based Practice Symposium Celebrating 25 years of Research & Evidence-Based Practice March 6-7, 2014, Hyatt Regency Denver Tech Center "Evidence Based Treatment interventions for Methamphetamine Use Disorders: An Up to Date Review"

C. Shuman, C. Thurstone, L. Cobb, University of Colorado Department of Psychiatry Junior Faculty Poster Session March 14th, 2012 "Perceptions and Use of Medical Marijuana in an Urban Substance Treatment Program "

E. Stauter, C. Shuman, C. Traut, A. Zirakzadeh, B. Bucher-Bartelson, University of Colorado Department of Psychiatry Junior Faculty Poster Session March 14th, 2012 "Tobacco Use Highly Prevalent in Prescription Opioid Abusers"

Other Publications

Health of Denver 2011: A report on the health status of the residents of Denver Colorado, Environmental Health City and County of Denver Substance Abuse Section Feb 12, 2012, Workgroup participant

Community Activities

Participant multiple charity events such as Colfax Half Marathon representing the Make a Wish Foundation, Rock and Roll half marathon Denver and San Francisco representing the Leukemia and Lymphoma society and St Jude's Hospital

Invited peer reviewer

Journal of Alcohol and Drug Dependence

CV Updated 3/17