

FREDERICK E. CORNELIUS, MPA
Curiosity Investigations LLC
Curiosity Drone Solutions
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EDUCATION

- Auburn High School, Diploma, 1987
- USAF Security Police Academy, Distinguished Graduate, 1987
- USAF Airman Leadership School, Distinguished Graduate, 1990
- Central New York Police Academy, Valedictorian, 1996
- Columbia Southern University, A.A.S. Criminal Justice, 2013
- Columbia Southern University, B.S. Criminal Justice Administration (*Magna Cum Laude*), 2014
- Bellevue University, Master of Public Administration, 2016

EMPLOYMENT

- Licensed Remote Pilot, Curiosity Drone Solutions , Owner, 2023-Present
 - Aerial Real Estate Photography
 - Aerial Inspections for Roofs, Towers, Etc.
- Licensed Private Investigator, Curiosity Investigations LLC , Owner, 2022-Present
 - *NYS Certified Armed Guard*
 - *Criminal Case Consultations*
 - *Skip Tracing*
 - *Legal Process Service*
 - *Investigative Interviews*
 - *Wrongful Death Investigation*
 - *Surveillance*
 - *Notary and Remote Notary Services*
- Detective Lieutenant, Cayuga County Sheriff's Office, 2019- 2022
 - *Commander of the Criminal Investigations Division*
 - *Supervise Records, Evidence, and Pistol Permit Sections*
 - *Supervise Felony Investigations*
 - *Serve as Freedom of Information Officer*
 - *Serve on Administrative Team*
 - *Conduct sensitive investigations*
- Detective Sergeant, Cayuga County Sheriff's Office, 2007 – 2019
 - *Supervise Detectives' daily activities*
 - *Supervise and conduct Felony investigations*
 - *Accreditation Program Manager, 2009-2010 (Received Accreditation from NYS in 2010)*
 - *Crisis Negotiations Team Leader, 2008- 2022*
- Adjunct Assistant Professor of Criminal Justice, Cayuga Community College. 2015-Present
 - *Criminal Justice Ethics, Criminal Investigations, Evolving Technologies, Laws of Evidence*
- Security Guard Act Instructor, Cayuga Community College, 2015- 2019, 2024- Present
 - *Instruct pre-employment course for those seeking New York State certification as Security Guards*
- Instructor, Tyburn Academy of Mary Immaculate, 2010-2011
 - *Instruct a yearlong elective course in Criminal Justice to High School Juniors and Seniors*
- Detective/Investigator, Cayuga County Sheriff's Office, 1998 – 2007
 - *Lead investigations of felony level crimes*
 - *Primarily responsible to investigate cases of child sexual exploitation, 2001 – 2018*
- Deputy Sheriff, Cayuga County Sheriff's Office, 1995 – 1998

- *General law enforcement duties*
- *Primarily responsible for traffic and DWI enforcement, 1997 – 1998*
- Loss Prevention Officer, Fays Inc., 1993 – 1995
 - *Detect, prevent, apprehend and process shoplifters*
 - *Train store personnel on policy and procedure*
- United States Air Force, Honorable Discharge, 1987 – 1993
 - *Law enforcement and security duties*
 - *Sergeant, Responsible to supervise and train varying numbers of personnel, 1991 – 1993*

INSTRUCTIONAL POSITIONS / PRESENTATIONS

- New York State DARE Conference, Instructor, 2008
 - *Prescription Drugs of Abuse*
- Central New York Police Academy, Instructor, 2002 – 2012
 - *Case Preparation and Courtroom Demeanor*
 - *Penal Law – Assault and Homicide*
 - *Penal Law – Robbery*
 - *Penal Law – Burglary*
 - *Penal Law – Larceny*
 - *Penal Law – Controlled Substances and Marihuana*
 - *Burglary Investigation*
 - *Drugs of Abuse*
 - *Narcotics and Dangerous Drugs*
 - *Penal Law – Sex Offenses*
 - *Robbery Investigation*
 - *Ancillary Statutes*
 - *Injury and Death Cases*
 - *Interview and Interrogation - Ensuring Constitutional Protections*
 - *Instructor Development Course – All Topics*
- New York State Environment Conservation Police Academy, Instructor, 2004
 - *Community Relations*
- New York State Environment Conservation Police Academy, Instructor, 2003-2004
 - *Contemporary Police Problems*
- American Red Cross, Instructor, 2002-2006
 - *CPR, Community First Aid, AED*
- New York Safety Program, Instructor, 2003-2008
 - *Point and Insurance Reduction – Driver Safety Course*
- Cayuga County 911, Annual Training, Presenter, 2003-2004, 2014
 - *Penal Law as it applies to Dispatch*
- Cayuga County Sheriff's Office, Various Training Responsibilities, 2000-2022
 - *New Computer Systems*
 - *NYSPIN*
 - *Street Encounters – Levels of Intrusion*
 - *Investigating and Documenting Domestic Violence Cases*
- New Visions Legal Professions, Cayuga Onondaga BOCES, Instructor, 2001-2012
 - *Glen Helmer Case Presentation, Sex Abuse*
 - *Davis Arson / Murder Case Presentation*
 - *Crime Scene Documentation*
- Cayuga County 911, Lead Trainer, 2001
 - *Printrak CAD System*
- New York State Association of Arson Investigators, Co-Presenter, 1999
 - *Davis Arson / Murder Case Presentation*
- Tyburn Academy, Middle and High School, 2010
 - *Internet Safety*
- Cayuga Centers, Therapist/Counselor in-service training, 2011
 - *Keeping yourself safe*
- Summit School. Middle and High School, 2009- 2015

- *Internet Safety*
- Cayuga Community College, Criminal Justice Lecture, 2011- 2016
 - *Sex Crimes*
- Cayuga Community College, Criminal Justice Lecture, 2011, 2012
 - *Internet: Friend or Foe (with Rosa Grube, SAVAR)*
- SUNY Oswego, Human Services Lecture, 2011, 2012
 - *Law Enforcement Collaboration*
- FarmNet, 2012
 - *Keeping Yourself Safe*
- St John Fisher College, Guest Lecture, Psychology and the Law, 2013
 - *Sexual Offenses: Dealing with Victims and Offenders*
- Cayuga County Child Advocacy Center, Community Group Presentations, 2013
 - *Child Sexual Assault cases and the justice system*
- Finger Lakes Law Enforcement Academy, 2013, 2014, 2015, 2016, 2017
 - *Penal Law – Organized Crime and Enterprise Corruption*
 - *Criminal Procedure Law – Appearance Tickets*
 - *Penal Law – Sex Crime*
- SAVAR Advocate Training, 2013
 - *Interaction between Advocates and Law Enforcement*
- Finger Lakes Law Enforcement Academy, Instructor Development Course Master Instructor, 2013
 - *Various blocks of Instruction and New Instructor Evaluations*
- Cayuga County Sheriff's Office Basic Corrections Academy , 2013-2016
 - *Penal Law*
 - *Criminal Procedure Law*
 - *Sexual Abuse*
 - *Investigations*
 - *Legal Issues*
 - *Surviving Hostage Situations*
- Cayuga Onondaga BOCES – Criminal Justice Program, 2014, 2015, 2016, 2017
 - *Series on Criminal Investigation and Crime Scene Documentation*
- Cayuga County Community College – Criminal Justice Lecture, 2012-2017
 - *Juvenile Justice*
- Cayuga County Community College – Human Services Lecture w/CAC Staff member, 2014-2017
 - *Child Advocacy Center, Multi-Disciplinary Team, and Child Sexual Behaviors*
- Cayuga County Sheriff's Office – Navigation Unit Yearly Training, 2013-2014
 - *Right to Know, Sexual Harassment, Blood borne Pathogens, Policy, Citizen Encounters*
- Onondaga Police Academy, Instructor, 2015
 - *Jurisdiction and Responsibilities of Law Enforcement*
 - *Penal Law – Assault*
 - *Penal Law – Robbery*
 - *Penal Law – Kidnapping and related offenses*
 - *Penal Law – Sex Crimes and Investigations*
 - *Penal Law – Murder and related offenses*
 - *Robbery Investigation*
 - *Injury and Death Cases*
 - *Synthetic Drugs*
- Safety for Social Workers, Advocates, and Case Workers, 2016
 - *Cayuga/Seneca Community Action Agency*
- Auburn High School Heroin Awareness Presentation, 2016
 - *Panel Member / Speaker*
- Cayuga County 911, Instructor, 2016
 - *Crisis Negotiations for Dispatchers: Answering the first call for help*
 - *Penal Law familiarization*
- New York State Environment Conservation Police Academy, Instructor, 2016, 2017, 2019
 - *Sex Crimes*

- *Human Trafficking*
- *Narcotics and Dangerous Drugs*
- Take Back the Night, Speaker, 2019
 - *SAVAR / Cayuga Community College*
- Safety for Social Workers, Advocates, and Case Workers, 2019
 - *Cayuga Centers*
- Safety for Social Workers, Advocates, and Case Workers, 2021
 - *Cayuga County Department of Social Services*
- Finger Lakes Law Enforcement Academy, Instructor, Master Instructor, 2019, 2020, 2021
 - *Ethical Awareness, Basic Police Academy*
 - *Styles of Leadership and Ethics, Police Supervisor School*
 - *Work Related Complaints, Police Supervisor School*
 - *Use of Force, Police Supervisor School*
 - *Instructor/Trainee Interaction and Record Keeping, Instructor Development Course*
 - *Ethics and Professionalism, Basic Police Academy*
- Nick's Ride for Friends/East Hill Family Medical , 2024
 - *Situational Awareness*

PROFESSIONAL ASSOCIATIONS / CERTIFICATIONS / COMMUNITY INVOLVEMENT

- Notary Public, State of New York, 1997- Present
- Remote Online Notary Public, State of New York, 2023- 2026
- Cayuga County Multi-Disciplinary Team (Formerly the Child Sex Abuse Task Force), 1998 – 2009, 2014 – 2022 (Chairperson 2016-2019)
- Cayuga County Runaway/Homeless Youth Committee, 2000 – 2009
- Sexual Assault Victim Advocate Resource (SAVAR) Advisory Board, 2005 – 2009, 2017- 2019
- New York State Fire Investigator, Level 1, 2000
- Police Instructor, General Topics, 2000 – Present
- Police Instructor Evaluator, 2004 – Present
- Mental Health Instructor, 2008-Present
- Board Member, Auburn Enlarged City School District Board of Education, 2006-2009 , 2015- Present
- John Kimball O'Neil Certificate of Achievement, NYS DCJS, 2010
- Cayuga County Deputy Sheriff's Police Association, Inc., Founding member, Past President (Labor Union)
- Cayuga County Deputy Sheriff's Benevolent Association, Inc., Past President
- Member, New York State Association of Hostage Negotiators, 2007-2022 (Former CNY Region VP)
- New York State Police Juvenile Officers Association, 1999-2022 (Intermittent)
- Certified Computer Voice Stress Analyst, National Institute for Truth Verification, 2010 – 2012
- National Association of Computer Voice Stress Analysts, 2010 – 2012
- Master Instructor , NYS DCJS, 2011- Present
- Aerosol Subject Restraint Instructor, NYS DCJS, 2012- Present
- New York Welfare Fraud Investigator's Association, 2012- 2013
- Certified Cellebrite UFED Mobile Device Examiner, 2013
- SafeTalk Suicide Awareness Trainer, 2014 – 2022
- New York State Security Guard Instructor, 2015- 2020, 2024- Present
- Board Member, Fingerlakes SPCA, 2016- 2018
- Sexual Assault Victim Advocate Resource (SAVAR) Gold Award, 2017
- Elected Member of Council, Town of Owasco, NY, 2020-2023
- DCJS Course Director, 2021- Present
- Cayuga County Lieutenant's Police Association, President, 2021- 2022
- New York State Defenders Association, 2022- Present
- Cayuga Community College Part Time Faculty Association, President, 2023- Present
- NYS Licensed Private Investigator, 2022-Present
- Licensed Remote Pilot, Federal Aviation Administration, 2023- Present

- NYS Licensed Armed Guard, 2024- Present
- Associated Licensed Detectives of New York State, 2024- Present
- National Defense Investigator Association, 2025 - Present

EMPLOYMENT RELATED COURSES

- Basic Course for Police Officers, 1996
 - *Municipal Police Training Council, CNY Police Academy*
- Basic Course in Aerosol Subject Restraint, 1996
 - *Onondaga Community College Public Safety Institute, CNY Police Academy*
- DWI Detection and Standardized Field Sobriety Testing, 1996
 - *U.S. Department of Transportation, National Highway Traffic Safety Administration*
- Drug Evaluation and Classification Program, 1996
 - *Municipal Police Training Council, Mohawk Valley Police Academy*
- Drug Recognition Expert, 1997
 - *Municipal Police Training Council, Mohawk Valley Police Academy*
- Basic Interview and Interrogation, 1998
 - *Bowmac Educational Services, Sponsored by the East Greenbush Police Department*
- Crime Scene Photography, 1998
 - *DCJS Office of Public Safety, Dutchess County Law Enforcement Academy*
- Basic Swat School, 1998
 - *Onondaga County Sheriff's Department*
- Tactical Rappel Training, Day Operations, 1998
 - *R & P Rope Rescue*
- Homicide Seminar, 1998
 - *Sponsored by the Syracuse Police Department*
- Fire Behavior and Arson Awareness, 1999
 - *New York State Office of Fire Prevention and Control*
- Principles of Fire Investigation, 1999
 - *New York State Office of Fire Prevention and Control*
- Crime Scene Evidence Specialist Course, 1999
 - *Municipal Police Training Council, Syracuse Police Academy*
- Responding to Missing and Abducted Children Course, 1999
 - *Municipal Police Training Council, U.S. Dept. of Justice, Office of Juvenile Justice and Delinquency Prevention, Fox Valley Technical College, Division of Criminal Justice Services*
- Child Abuse Identification and Reporting, 1999
 - *Broome County Department of Social Services*
- Basic Police Juvenile Officer's Course, 1999
 - *Municipal Police Training Council, NYS Police Juvenile Officers Association*
- Basic Instructor's Certification Program for Chemical Munitions, 2000
 - *Armor Holdings Inc.*
- Police Instructor Development Course, 2000
 - *Municipal Police Training Council, CNY Police Academy*
- Investigation of Sex Crimes Against Children, Information Sharing Conference, 2000
 - *Middle Atlantic – Great Lakes Organized Crime Law Enforcement Network*
- Advanced Internet Crimes Against Children Course, 2001
 - *DCJS Office of Public Safety, U.S. Dept. of Justice, Office of Juvenile Justice and Delinquency Prevention, NYS Internet Crimes Against Children Task Force*
- Street Crimes, 2004
 - *John E. Reid and Associates*
- Basic Crisis Negotiator School, 2004
 - *U.S. Department of Justice, Federal Bureau of Investigation*
- Police Field Training Officer, 2005
 - *Municipal Police Training Council, NYS ENCON Law Enforcement Training Academy*
- Underage Drinking Prevention, Train the Trainer, 2005
 - *Division of Criminal Justice Services*

- National Center for the Analysis of Violent Crime, Regional Training Seminar, 2005
 - U.S. Department of Justice, Federal Bureau of Investigation
- Sex Offender Management Training Seminar, 2005
 - *NYS Division of Criminal Justice Services*
- NYS Children's Justice Task Force – Forensic Interviewing Best Practices, 2006
 - *New York Prosecutor's Training Institute, NYS Child Advocacy Resource and Consultation Center*
- Working with Yahoo! In Online Child Exploitation Investigations, 2006
 - *NYS Attorney General, NYS Police, NYS Internet Crimes Against Children Task Force, Yahoo! Inc.*
- Homicidal Drowning Investigation, 2006
 - *Lifeguard Systems, Inc.*
- The Reid Technique of Investigative Interviewing, Child Abuse Investigations, 2007
 - *John E. Reid and Associates*
- Critical Issues in Responding to Domestic Violence, 2007
 - *Cayuga County IDV Court, Office of Court Administration Center for Court Innovation*
- Annual Hostage Negotiations Seminar, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2017
 - *New York Association of Hostage Negotiators*
- The Reid Technique of Investigative Interviewing, Advanced Course, 2007
 - *John E. Reid and Associates*
- Child Fatality Investigations, 2007
 - *US Dept. of Justice - Office of Justice Programs, Office of Juvenile Justice and Delinquency Prevention, Fox Valley Technical College*
- Project Safe Childhood Team Training, Boston, Massachusetts, 2008
 - *United States Department of Justice, United States Attorney General, OJJDP, Internet Crimes Against Children's Task Force, Fox Valley Technical College*
- School-Police Partnership "A Legal Roadmap for Solutions" 2008
 - *New York State Police Juvenile Officers Association, OJJDP, Response Law Inc.*
- Police Mental Health Curriculum Trainer, 2008
 - *NYS Division of Criminal Justice Services, NYS Office of Mental Health*
- The Rights of School and Police Personnel: Managing Your School Environment, 2008
 - *Response Law Inc.*
- Inclusive Communities, Creating Cultural Competency, 2008
 - *Cayuga County Child Sex Abuse Task Force*
- Basic Course in Police Supervision, 2009
 - *NYS Division of Criminal Justice Services, CNY Police Academy*
- Public Safety Critical Incident Management, 2009
 - *Public Safety Training Center – Onondaga Community College*
- Accreditation Manager Workshop, 2009
 - *Monroe County Public Safety Training Center, NYS Division of Criminal Justice Services*
- Sex Offender Management Training Seminar, 2009
 - *NYS Division of Criminal Justice Services*
- Cyber Investigation 101, Secure Techniques for Onsite Preview, 2009
 - *National White Collar Crime Center*
- Computer Voice Stress Analyst, Certified Examiner Course, 2010
 - *National Institute for Truth Verification*
- Off-Duty Encounters and Concealed Carry, 2010
 - *NYS Department of Environmental Conservation*
- Line of Duty Death Responses, 2010
 - *CISM Perspectives, Auburn Fire Department*
- Child Abuse: Recantation and Court Preparation, 2010
 - *McMahon Ryan Child Advocacy Center, Rami S. Badawy, Esq.*
- Multidisciplinary Training for Child Sex Abuse Cases, 2010
 - *Child Advocacy Initiative of Cayuga County, Rami S. Badawy, Esq.*
- Taser X26 Electronic Control Device / Conducted Energy Device Course, 2011
 - *Taser International, NYS DCJS, Cayuga County Sheriff's Office*

- Predators, Porn and the Law: America's children in the internet era, 2011
 - Syracuse Law Review, Syracuse College of Law
- Building Justice for Children 2011, 2011
 - New York State OCFS, NYS CARCC, National District Attorney's Assoc., National Children's Alliance
- Effectiveness of New York State Sex Offender Management Policies: Are We Making Communities Safer?, 2012
 - *NYS Office of Mental Health, Jeff Sandler, PhD*
- Aerosol Subject Restraint Instructor, 2012
 - *NYS Division of Criminal Justice Services*
- New York Welfare Fraud Investigator's Association Training Seminar, 2012
 - *New York Welfare Fraud Investigator's Association*
- Colonel Henry F. Williams Homicide Seminar, 2012
 - *New York State Police*
- Specialist Interview Course (Understanding child sex offenders and Mentor Interview Technique), 2012
 - *Mentor Forensics, Dr. Joe Sullivan*
- UFED Physical Examiner and Physical Analyzer Course, 2013
 - *Cellebrite Mobile Data Secured*
- Child Physical Abuse and Neglect Seminar, 2013
 - *New York State Police*
- San Diego International Conference on Child and Family Maltreatment , 2014
 - *Rady Children's Hospital and Chadwick Center for Children and Families, San Diego, CA*
- Threat Assessment: School Shooter, 2014
 - *Federal Bureau of Investigation, Syracuse Resident Agency*
- SafeTalk T4T, 2014
 - *Livingworks Inc., Suicide Prevention Center of New York*
- Opioid Overdose and Intranasal Naloxone Training for Law Enforcement, 2015
 - *New York State Division of Criminal Justice Services*
 - *Cayuga County Sheriff's Office*
- Crimes Against Children Conference, 2015
 - *Dallas Children's Advocacy Center Dallas Police Department*
- San Diego International Conference on Child and Family Maltreatment , 2016
 - *Rady Children's Hospital and Chadwick Center for Children and Families, San Diego, CA*
- Homegrown Terrorism and Radicalization Training Seminar , 2016
 - *New York Association of Hostage Negotiators . Canadian Critical Incident, Inc., Niagara Falls, Canada*
- Campus Sexual Assault Response , 2016
 - *New York State Police Sexual Assault Victim's Unit, Buffalo, NY*
- Hostage Negotiator's Conference , NYPD Police Academy, 2016
 - *New York Association of Hostage Negotiators, New York City Police Department Hostage Negotiations Unit*
- Law Enforcement Supervisor's Conference, Saratoga Springs, NY , 2016, 2017, 2018, 2019, 2021
 - *New York State Sheriff's Association*
- Implicit Bias Training, Syracuse University , 2016
 - *Dr. Bryant Marks, Morehouse University*
- TruNarc Handheld Narcotics Analyzer Operators Course, Syracuse Police Department , 2016
 - *New York State Division of Criminal Justice Services, Thermo-Fisher Scientific*
- New York State Summit on Forensic Interview Recording, Syracuse, NY, 2017
 - *New York State Children's Alliance*
- What We Can Do To Make Investigation and Prosecution of Child Sexual Assault Cases More Successful, Albany, NY, 2017
 - *New York State Division of Criminal Justice Services, James Clemente J.D., Francey Hakes J.D.*
- Child First Forensic Interview Training Program, Rochester, NY, 2017
 - *Gundersen National Child Protection Training Center*
- C.O.P.S. Traumas of Law Enforcement, Syracuse, NY, 2017
 - *Concerns of Police Survivors*
- Violence Intervention and Prevention Summit, Rogers, Arkansas, 2017
 - *Gundersen National Child Protection Training Center*
- Investigation of Childhood Injury and Death, Las Vegas, Nevada, 2017
 - *Public Agency Training Council*

- Cortland County Arson Seminar, 2018
 - Cortland County Fire Investigation Team
- Law Enforcement Command and Executive Officer Course, Syracuse, NY, 2019
 - CNY Association of Chiefs of Police, Syracuse University Dept. of Public Safety
- Freedom of Information Law, Auburn, NY, 2019
 - *NYS Committee on Open Government*
- National Drug Endangered Children Conference, Nashville, TN, 2021
 - *National Alliance for Drug Endangered Children*
- Drug Endangered Children Program Review, Whitefish, MT, 2021
 - *National Alliance for Drug Endangered Children and Polson Montana Police Dept., 2021*
- MPTC Course Director Orientation, 2021
 - *NYS DCJS*

Criminal Defense Investigation Courses

- Ethics Considerations in Cases Involving Forensic Evidence, Online, 2023
 - *NewYorkStateDefendersAssociation*
- Metadata: How to view and Interpret Information, Online, 2023
 - *NewYorkStateDefendersAssociation*
- Research Informed Domestic Violence Defense: An Overview, Online, 2023
 - *NewYorkStateDefendersAssociation*
- Litigating Crawford Hearings, Online, 2023
 - *NewYorkStateDefendersAssociation*
- New Developments in Defense Practice, Auburn, NY, 2023
 - *NewYorkStateDefendersAssociation*
- Facing a Discovery Dump: Organizing your Criminal Defense, Online, 2023
 - *NewYorkStateDefendersAssociation*
- New Developments in Defense Practice, Auburn, NY, 2024
 - *New York State Defenders Association*
- Clean Slate Act Presentation, Online, 2024
 - *NYS DCJS, NYS Office of Court Administration*
- Discovery from the Defense: Ethics and Key Questions, Online, 2024
 - *New York State Defenders Association*
- Investigations Training, New York, NY, 2024
 - *New York State Defenders Association*