



Never Enough: The Neuroscience and Experience of Addiction Judith Grisel, Ph.D.

Behavioral neuroscientist and Professor of Psychology, Bucknell University; author, *Never Enough: The Neuroscience and Experience of Addiction*.

Monday, February 25, 2019, 7:00 PM
New Trier High School/Northfield, Cornog Auditorium, 7 Happ Rd., Northfield

Grand Rounds Presentation: “Never Enough: How Affective Homeostasis Creates Addiction -- Marijuana and Opiates”

Monday, February 25, 2019, 9:00 AM
New Trier High School/Northfield, Cornog Auditorium, 7 Happ Rd., Northfield

CEU Registration: bit.ly/GriselFAN

Presented by **Family Action Network (FAN)**,
in partnership with **Connections for the Homeless, Counseling Center of the North Shore,**
Family Service Center, and Fusion Academy.

These events are **free and open to the public**; both will be taped. Suitable for youth 12+. **INFO: familyactionnetwork.net**

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FOR IMMEDIATE RELEASE: JUDITH GRISEL, PH.D. – TWO EVENTS

CONTACT: Lonnie Stonitsch, Executive Director of FAN, lonnie@familyactionnetwork.net

EVENT 1: Monday, February 25, 2019, 9:00 AM, GRAND ROUNDS: Never Enough: How Affective Homeostasis Creates Addiction – Marijuana and Opiates, New Trier High School, Northfield Campus, Cornog Auditorium, 7 Happ Rd., Northfield, IL 60093. CEU registration: www.bit.ly/GriselFAN Regular use of any psychoactive drug causes the opposite effect. Chronic stimulants result in lethargy, sedatives lead to anxiety, and euphoricants guarantee misery. These consequences are so predictable because they follow directly from fundamental features of the nervous system, namely, its capacity to recognize, predict, and adapt to change. Behavioral neuroscientist **Judith Grisel, Ph.D., Professor of Psychology at Bucknell University**, will apply Solomon and Corbit’s Opponent Process Theory (1974) to understand the neural and behavioral changes wrought by chronic exposure to cannabinoids and narcotics and discuss how such adaptation during periods of rapid brain development results in lasting changes in brain structure and function that pave the way for future addictions.

EVENT 2: Monday, February 25, 2019, 7:00 PM, Never Enough: The Neuroscience and Experience of Addiction, New Trier High School, Northfield Campus, Cornog Auditorium, 7 Happ Rd., Northfield, IL 60093.

Addiction is epidemic and catastrophic. With more than one in every five people over the age of fourteen addicted, drug abuse has been called *the* most formidable health problem worldwide. If we are not victims ourselves, we all know someone struggling with the merciless compulsion to alter their experience by changing how their brain functions. In her new book, ***Never Enough: The Neuroscience and Experience of Addiction***, behavioral neuroscientist **Judith Grisel, Ph.D.** walks readers through the science of addiction, detailing the effects that drugs such as cocaine, heroin, methamphetamine, nicotine, alcohol, marijuana, and ecstasy have on the brain, and offering unabashed retellings of her own first-hand experiences with each substance. Drawing on years of research, Prof. Grisel has reached a fundamental conclusion: for the addict, there will never be enough drugs. The brain's capacity to learn and adapt is seemingly infinite, allowing it to counteract any regular disruption, including that caused by drugs. What begins as a normal state punctuated by periods of being high transforms over time into a state of desperate craving that is only temporarily subdued by a fix, explaining why addicts are unable to live either with or without their drug.

One by one, Prof. Grisel shows how different drugs act on the brain, the kind of experiential effects they generate, and the specific reasons why each is so hard to kick. Her insights lead to a better understanding of the brain's critical contributions to addictive behavior, and will help inform a more rational, coherent, and compassionate response to the epidemic in our homes and communities.

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