

Project on Psychiatry/Mental Health and Alcohol/drug dependence

Intro

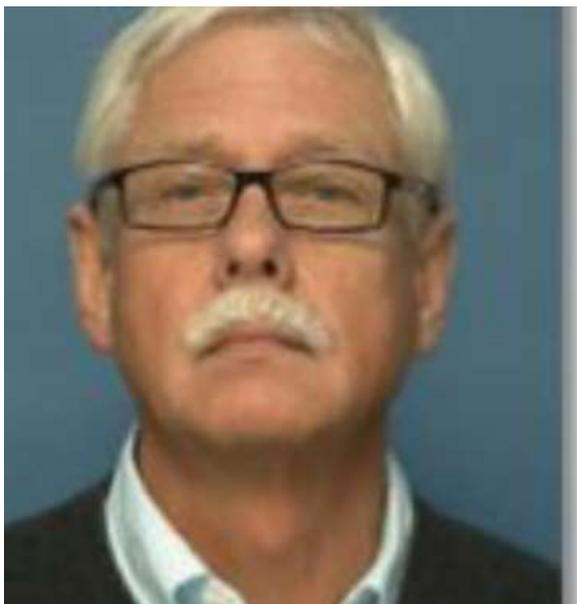
**Marylou Wadenberg, PhD, Ass Prof
(Psycho)Pharmacology**

Interdisciplinary project focussing on psychiatry/mental health issues & issues of alcohol/drug dependence

Three subprojects:

- Music, science and mental health
- Psychiatric conditions & drug discovery
- Alcohol & Drug dependence

Music, Neuroscience/Chemistry and Mental Health



**Ulf Berg, Prof
Organic Chemistry**



**Elaine Bearer, MD, PhD,
Neuroscience, Music**

Psychiatric conditions & drug discovery



**Lennart Wetterberg, Prof
Psychiatry**



**Marie-Louise/Marylou Wadenberg
Ass Prof in Psychopharmacology**

Alcohol & Drug dependence/cannabis



**Anders Gustavsson, Prof
Ethnology**



**Gudmund Bergqvist
Ass Prof in Pediatrics**

Music, science and mental health:

Science Festival Aug 2021

Presentation by the Academy Honorary Professor Elaine Bearer on the subject 'The Neuroscience of Emotion from a Musical Perspective'

Premiere of string quartet by Elaine Bearer; currently recordings of new compositions in the works

Mathematics and Music - What is the connection?
Presentation by Per Enflo pianist/mathematician

Psychiatric conditions & drug discovery

This subproject focus on investigating functional properties of the glutamate NMDA receptor using receptor subtype selective compounds.

This receptor is implicated both in schizophrenia and the functional properties of alcohol.

Lennart Wetterberg and Marie-Louise/Marylou Wadenberg

Lennart Wetterberg will:

- present this subproject;**
- give some background to the 'governmental investigation on addiction'**
- also describe the condition 'Fetal alcohol syndrome'**

A number of webinars (i. a. Staffan Hübnette, popular adult educator/cannabis; Anders Hammarberg, psychotherapist, clinical research; Mikael Tiger, psychiatrist/ketamine&depression).

Book by Anders Gustavsson: 'Missbruk av alkohol. Berättelser under sent 1800-tal och tidigt 1900-tal', Anders Gustavsson, ISBN : 978-91-89331-33-4

Consultation Body for the Swedish 'Missbruksutredningen' (governmental investigation on addiction)

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Following the presentation by Lennart Wetterberg:

the Chemist in our project, **Ulf Berg**, will give a **presentation on 'Right and Left in the world of drugs and medicines'**.

Two articles are also in the works:

- Article by Ulf Berg – based on his presentation today: 'Right and Left in the world of drugs and medicines'.
- Article by me (Marylou) – on the concepts of toxicology, pharmacology and the ability to cause dependence/addiction – a pharmacologist/toxicologist's view on the fact that one and the same drug can be both therapeutic, toxic, and addictive.