

# **Patrick Bordnick**

**Dean, Tulane University School of Social Work at Tulane University**

New Orleans, LA, US

Bordnick is a pioneer in the use of virtual reality for substance abuse assessment and intervention.

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## **Biography**

Currently, Bordnick is the dean of the Tulane University School of Social Work. Bordnick has over 20 years of experience in clinical and laboratory research on cocaine, marijuana, alcohol, amphetamine, heroin, and nicotine addiction. Research interest areas include clinical medication trials, treatment development, human laboratory studies, behavioral disorders, health/behavioral health, virtual reality and mobile data collection. Bordnick has been the principal investigator on a NIH/NIDA R24 Center grant. In 2004, he received an international award for outstanding scientific merit in VR drug abuse research from the Canada Chair in Cyber Psychology. Bordnick is a pioneer in the use of virtual reality for substance abuse assessment and intervention. From 2007 to 2016, Bordnick was the director of the Virtual Reality Clinical Research Lab (VRCRL) at the University of Houston Graduate College of Social Work. The VRCRL under Dr. Bordnick's direction developed virtual environments for alcohol, nicotine, marijuana, heroin and other behavioral disorders. The hallmark of his work has led to improvements in teaching, research therapies and integrated healthcare. Bordnick envisions a world where humans interact seamlessly with technology to improve teaching, research, therapy and aid in knowledge building. Using technology to solve real-world problems has been the hallmark of his work. VRCRL Projects included: virtual reality systems for assessing drug use triggers and craving, virtual reality treatment software for nicotine and alcohol dependence, virtual reality programs for studying drug use contexts and clinical teaching systems based on artificial intelligence platforms.

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## **Areas of Expertise**

Social Work, Behavioral Health, Addiction & Recovery, Mental Health, Self-Care, Autism, Virtual Reality, Technology, Health

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## **Education**

**University of Georgia**

Ph.D.

**University of Michigan**

M.S.W.

**University of South Florida**

M.P.H.

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## **Accomplishments**

**Visionary Award at the Recovery Research Awards and Summit, Washington DC  
2017**

**Not Impossible Award for Blue Cross Blue Shield Faces of Fearless Healthcare Innovation Award  
2017**

**Canadian Chair in Cyber Psychology Research, New Investigator Award for Scientific Merit  
2004**

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