



NATIONAL CENTER FOR RESPONSIBLE GAMING

A large, abstract graphic on the right side of the cover features a series of concentric, overlapping arcs in various colors including yellow, red, teal, and light blue. These arcs are arranged in a way that suggests a circular or spiral motion, creating a dynamic and modern visual effect. The arcs are of varying thickness and are positioned to frame the central text area.

2018

Annual Report

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NATIONAL CENTER FOR RESPONSIBLE GAMING

Advancing Research, Education and Awareness

The National Center for Responsible Gaming's (NCRG) mission is to help individuals and families affected by gambling disorder by supporting the finest peer-reviewed, scientific research on the disorder; encouraging the application of new research findings to improve prevention, diagnostic, intervention and treatment strategies; and advancing public education about gambling disorder and responsible gaming.

Commitment to Innovation

In 2018, the National Center for Responsible Gaming (NCRG) continued its commitment to innovation in research and education about gambling disorder. Our activities included cutting-edge research that will answer fundamental questions about the disorder and dissemination of research findings through programs for treatment providers, researchers, students, regulators and gaming industry professionals.

Impulsivity and the role of family history were among the topics of research grants awarded in 2018. The NCRG maintained its commitment to cultivating the next generation of gambling researchers by supporting an Early Stage Career Grant and travel grants to major conferences.

The NCRG advanced the cause of expanded screening for gambling disorder through partnership with the Division on Addiction at Cambridge Health Alliance. To commemorate Gambling Disorder Screening Day in March 2018, the NCRG distributed the Brief Biosocial Gambling Screen (BBGS) in magnet form to clinicians throughout the nation. By the end of 2018, the NCRG had sent thousands of magnets to treatment providers.

Dissemination of new and innovative research took several forms. Webinars were held on the following topics: “Educating Patrons and Employees about Responsible Gaming: What Does the Research Say?” and “I Think therefore I am...a Cognitive-behavioral Therapist.” The NCRG Conference on Gambling and Addiction explored Motivational Interviewing, Acceptance and Commitment Therapy, practice guidelines, First Nations and gambling, military veterans and the innovative responsible gaming strategy, GameSense.

None of these accomplishments would be possible without the NCRG donors, our many partner organizations and the scientists who work on NCRG-funded grants and serve on peer review panels and the Scientific Advisory Board.

On behalf of the NCRG Board of Directors, we want to express our appreciation to all who helped NCRG continue the search for knowledge that will address the needs of individuals and families affected by gambling disorder.

Sincerely,



Alan M. Feldman

Chairman of the National Center for Responsible Gaming



2018

NCRG Board of Directors

Officers

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Wynn Resorts Ltd.

CHAIRMAN

Alan M. Feldman

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International Gaming Institute
University of Nevada, Las Vegas

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Senior Research Director
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Katherine Spilde, PhD, MBA

Endowed Chair, Sycuan Institute on Tribal Gaming
Professor
L. Robert Payne School of Hospitality & Tourism Management
San Diego State University

Mark Vander Linden

Director of Research and Responsible Gaming
Massachusetts Gaming Commission

Andrew Zarnett

Managing Director, Head of Gaming
Investment Banking at Jeffries

Expanding Support for NCRG



NCRG Staff

Russell A. Sanna, PhD

Executive Director

Christine Reilly

Senior Research Director

Shayna Adams, MPH

Program Officer

Lisa Cohen

Office Manager

The NCRG is headquartered at 900 Cummings Center, Suite 321-U, Beverly, MA 01915 (978.338.6610)

The \$40 million contributed to the NCRG by the gaming industry since 1996 is a rather amazing number. To continue to grow that cumulative number, the challenge is to keep up with the changes within the industry. The dynamics of mergers and acquisitions has the effect of rearranging some of the relationship the NCRG has with corporate donors. Consequently, we are pleased whenever we can welcome new corporate support which we did in 2018. NCRG received first time gifts from The Stars Groups and Carnival Cruise Lines and look forward to their continuing support. We also created a membership program in order to facilitate support from public agencies. This yielded support from several state lotteries, another first that we hope to expand in the next few years.

In 2018, NCRG enthusiastically joined with others to form the Responsible Gaming Collaborative led by the American Gaming Association. This group is made up of stakeholder organizations associated with the gaming industry — the National Council on Problem Gambling, the National Thoroughbred Racing Association, the North American Association of State and Provincial Lotteries along with key leaders from the academic community. Together, we are focusing on increasing awareness of responsible gaming practices within the gaming industry as well as with the general public. The aim is to use our collective capacities to advance the responsible gaming agenda of minimizing and preventing harm. This is an important opportunity for the NCRG to work on putting its research findings into practice.

Sincerely,

A handwritten signature in blue ink that reads "Russell A. Sanna".

Russell A. Sanna, PhD
Executive Director

2018 AGEM-AGA Golf Classic Presented by JCM Global

The gaming industry broke all previous fundraising records at the 20th annual AGEM/AGA Golf Classic Presented by JCM Global, bringing in an astounding \$228,000. Proceeds directly benefit research conducted by the National Center for Responsible Gaming. To date, the Golf Classic has raised more than \$2 million to advance the NCRG's research.

The event was held May 1, 2018, at MGM Resorts International's legendary Shadow Creek Golf Course in Las Vegas and drew more than 148 players from across the gaming industry spectrum and from across the U.S.

Premiere sponsors included the Association of Gaming Equipment Manufacturers (AGEM), the American Gaming Association (AGA), JCM Global, and *GGB Magazine*. Other sponsors included Aristocrat, Caesars Entertainment, CPI, Global Gaming Expo, HK, ICE Totally Gaming, IGT, Indian Gaming Tradeshow & Convention, Interblock, Konami Gaming, Las Vegas Sands Corp., Patriot Gaming and Scientific Games.

Other sponsors included Ainsworth Game Technology, Caesars Entertainment, Century Gaming Technologies, Cole Kepro International, Comer Holdings, CPI Inc., Everi, Gaming Laboratories International, Gaming Partners International, IGT, JCM Global, James Industries Inc., Patriot Gaming & Electronics, The US Playing Card Company, Transact Technologies Inc., US Bank and VSR Industries.



The presentation of the proceeds — (l-r) Tom Nieman, Russell Sanna, Geoff Freeman and Marcus Prater.

2018

NCRG Annual Donors

Since 1996, more than \$40 million has been pledged to the NCRG thanks to the generous support of gaming operators and gaming-related manufacturers and businesses. The following companies were contributors to the NCRG in 2018.



\$300,000+

MGM Resorts International*
Las Vegas Sands Corp.*



\$200,000 - 299,000

JCM Global



\$100,000 - 199,000

American Gaming Association
Wynn Resorts Limited



\$50,000 - 99,000

Boyd Gaming Corporation
Carnival Corporation & PLC
Caesars Entertainment
Penn National Gaming*
Rush Street Gaming
Station Casinos*

SPONSORS

\$10,000 - 49,000

Everi

IGT

Konami Gaming

Pinnacle Entertainment*

Potawatomi Hotel & Casino

OTHER CONTRIBUTORS

Betsson Group (\$8,000)

Ainsworth Game Technology (\$5,000)

Delaware North (\$5,000)

Paragon Gaming (\$5,000)

Seneca Gaming Corporation (\$5,000)

Stars Group (\$5,000)

Union Gaming (\$5,000)

William Hill US (\$5,000)

BMM Testlabs (\$4,000)

Action Gaming (\$2,500)

Galaxy Gaming (\$2,500)

MEMBERS

Indiana Lottery

Maryland Lottery

Oregon Lottery

INDIVIDUALS

Russell Sanna, PhD

Katherine Spilde, PhD, MBA

Kathleen Scanlan

* Denotes multi-year pledge.

Above amounts include pledged gifts and contributions through conference sponsorships.

2018

Conference Sponsors

Special thanks to our host sponsor, Las Vegas Sands Corp.

PLATINUM



GOLD



SILVER



BRONZE



*Thanks also to
Global Gaming Expo
and the
American Gaming Association
for their support of the
NCRG Conference on Gambling and Addiction.*

Building the Knowledge Base on Gambling Disorder: NCRG Research

2018 NCRG Research Awards

Early Stage Investigator Grant: “Reward Neurobiology of Gambling Disorder with and without Comorbid Depression”

Principal Investigator: Susanna L. Fryer, PhD, University of California, San Francisco
Awarded \$149,500 in 2018

Clinically, pathological gambling frequently presents with psychiatric comorbidities, including high rates of depression. Little is known about the extent to which functioning of reward circuitry is similar or distinct in gambling disorder with and without co-occurring depression. Therefore, examination of the impact of comorbid depression on reward system functioning could meaningfully parse heterogeneity underlying pathological gambling, and specifically shed light on whether subtypes of dysfunctions within the brain’s reward system are evident and whether profiles of brain responses to rewards contribute to differences in clinical presentation. This study will examine neurophysiological responses to rewards in groups of gambling disordered patients with and without comorbid depression (in comparison to healthy controls). It will capitalize on the temporal precision of EEG to isolate reward-related brain responses specific to anticipation and outcome evaluation, key components of reward processing. More specifically, EEG measures (integrating event-related potential and time-frequency measures of neural synchrony) will be used to characterize neurobiological mechanisms underlying putative reward processing abnormalities in gambling disorder, as they relate to clinical features of gambling severity and cognitive distortions. Because comorbid depression in problem gambling is associated with increased gambling severity and suicidality,

understanding the underlying neurobiology of this common co-presentation, and the extent to which it may differ from gambling disorder without depression, is an important and clinically relevant topic. Findings from this project could provide valuable insight into the pathophysiology of reward processing anomalies in gambling disorder, including identifying biologically meaningful subtypes which may in turn inform and improve intervention efforts.

Seed Grant: “Impulsivity in Adolescent Children with a Family History of Gambling Disorder”

Principal Investigator: Jatin G. Vaidya, PhD, University of Iowa
Awarded \$34,500 in 2018

Studies have shown that gambling disorder (GD) run in families which means that children who are family history positive (FHP) for GD are much more likely to develop a GD themselves. Although research has demonstrated that disordered gamblers have elevated levels of impulsivity, few studies have thoroughly assessed impulsivity in children of disordered gamblers. It is particularly important to study adolescent children because adolescence is the very time when a number of high-risk behaviors including substance use, gambling, and thrill-seeking (e.g., “extreme sports”) are particularly common. This study will assess distinct aspects of impulsivity in FHP adolescents (defined as individuals 12 to 17 years old who have at least one biological parent with a GD). Age, gender, and socioeconomic status matched family history negative (FHN) adolescents will also be assessed. Impulsivity will be measured using a personality inventory that assesses

Scientific Advisory Board

The NCRG's Scientific Advisory Board is composed of leading scientists in addiction and related fields. The board's responsibility is to ensure the highest standards in the administration of the NCRG's competitive research grants program. The volunteer Scientific Advisory Board makes all of the final decisions on grants awarded by the NCRG.

CHAIR

Linda B. Cottler, PhD, MPH

Associate Dean for Research and Planning
College of Public Health and Health Professions
Dean's Professor of Epidemiology
University of Florida, Gainesville

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University of Pittsburgh School of Medicine

David C. Hodgins, PhD

Professor of Psychology
University of Calgary

Miriam Jorgensen, PhD

Research Director, Native Nations Institute
University of Arizona
Research Director, Harvard Project on American
Indian Economic Development

Gloria Miele, PhD

Learning Collaborative Coordinator
CA Hub and Spoke MAT Expansion Project
UCLA Integrated Substance Abuse Programs

T. Celeste Napier, PhD

Professor of Pharmacology and Psychiatry
Director, Center for Compulsive Behavior
and Addiction
Rush Medical College

impulsive tendencies during periods of heightened positive or negative emotions as well impulsive responding during more emotion neutral time periods. Adolescents will provide self-report ratings and parents will rate their children on this measure. A computerized task will also be utilized to measure how well participants can inhibit pre-potent behaviors in the context of emotional or neutral scenes. Using this design, the study will show which dimensions of impulsivity are most elevated in FHPs as well as how well parents and their children agree on these impulsive behavioral tendencies. Ultimately, this research may lead interventions that inform disordered gamblers about early patterns of risky behaviors in their children.

Seed Grant: "Characterization of Subtypes of Cortical Neurons in Impulsivity"

**Principal Investigator: Susan Marie Ferguson, PhD,
Seattle Children's Research Institute
Awarded \$34,500 in 2018**

Individuals with gambling disorder display increases in both impulsive choice/waiting impulsivity (e.g., an increased preference for smaller, immediate rewards over larger, delayed rewards) and impulsive action/stopping impulsivity (e.g., the inability to stop a pre-planned motor response). These distinct facets of impulsivity can also be observed in rodents using the same tasks (delay discounting and the stop-signal task, respectively), and are regulated by the orbitofrontal cortex (OFC). However, OFC pyramidal neurons, which are the primary output cells of the OFC, can be subdivided into two major types (IT-type and PT-type) that are physically intermingled, but have distinct inputs and projections targets, molecular and receptor profiles, morphologies and electrophysiological characteristics. The role that each of these cell populations plays in impulsive behavior is unknown. Thus, the goal of the proposed project is to begin to address this issue by using chemogenetic tools to transiently decrease activity of IT-type and PT-type cortical neurons during performance of a delay-discounting task (Aim 1) and the stop-signal task (Aim 2) in rats. We hypothesize that IT-type cortical neurons are part of the neural system that regulates "waiting", and therefore inhibiting these neurons will increase impulsive choice but not impulsive action. In contrast, we

hypothesize that PT-type cortical neurons are part of the neural system that regulates “stopping”, and therefore inhibiting these neurons will have the opposite effect and increase impulsive action but not impulsive choice. By identifying the contribution of subtypes of cortical cells in regulating different aspects of impulsivity, this research, may provide novel treatment targets as well as new therapeutic interventions in order to mitigate this debilitating disease.

Travel Grant: “Problem-gambling Severity, Suicidality and DSM-IV Axis I and II Psychiatric Disorders”

Principal Investigator: Silvia Ronzitti, MD, Yale School of Medicine and VA Connecticut Healthcare System

Awarded \$1,500 in 2018

The Travel Grant supported the PI’s participation as a poster presenter at the annual meeting of the College on Problems of Drug Dependence (CPDD).

Travel Grant: “Gambling-related Cognitive Distortions, Psychopathology, and Suicide Ideation among Veterans seeking Treatment for Problem Gambling”

Principal Investigator: Steven D. Shirk, PhD, ENRM VA Hospital/New England MIRECC

Awarded \$1,500 in 2018

The Travel Grant supported the PI’s participation as an oral presenter at the International Conference on Behavioral Addictions.

Travel Grant: “Estimation of Gambling Disorder Prevalence in High School Students from Panama City, Panama”

Principal Investigator: Gabriel C. Quintero, PhD, Florida State University - Republic of Panama

Awarded \$1,500 in 2018

The Travel Grant supported the PI’s participation as a poster presenter at the annual meeting of the American Psychopathological Association.

Peer Review Panel Members

To ensure the highest possible standards in the grants program, the NCRG recruits distinguished researchers in the addiction field to evaluate grant proposals. The following individuals served on NCRG peer review panels in 2018.

Luke Clark, PhD

Professor
University of British Columbia

Shelly Flagel, PhD

Molecular and Behavioral
Neuroscience Institute
University of Michigan

Joshua Briggs Grubbs, PhD

Assistant Professor
Bowling Green University

Scott A. Huettel, PhD

Professor in the Department of
Psychology and Neuroscience
Duke University

Andrew Kayser, MD, PhD

Associate Professor of Neurology
University of California, San Francisco

David Kearns, PhD

Associate Professor of Psychology
American University

Debi A. LaPlante, PhD

Director of Research and
Academic Affairs
Division on Addiction, Cambridge
Health Alliance
Assistant Professor in Psychiatry
Harvard Medical School

Matthew Martens, PhD

Division Executive Director, Professor
Department of Educational,
School & Counseling Psychology
University of Missouri, Columbia

John Monterosso, PhD

Associate Professor of Psychology
University of California at Los Angeles

Clayton Neighbors, PhD

Professor of Psychology
University of Houston

Wendy Slutske, PhD

Director of Center of Excellence
in Gambling Research
University of Missouri

Sherry Stewart, PhD

Department of Psychiatry Professor
Dalhousie University

Randy Stinchfield, PhD

Clinical Psychologist
University of Minnesota

Catherine Striley, PhD

Director, Master of Science
in Epidemiology Program
Director, Certificate in
Psychiatric Epidemiology Program
University of Florida, Gainesville

Krishna Vaddiparti, PhD

Research Assistant Professor
of Epidemiology
University of Florida, Gainesville

Jeremiah Weinstock, PhD

Associate Professor of Psychology
Saint Louis University

NCRG-FUNDED PUBLICATIONS RELEASED IN 2018

Publication in influential, competitive, peer-reviewed journals is the hallmark of scientific excellence. The following publications of NCRG-funded studies were released in 2018.

- Boffo, M., Smits, R., Salmon, J., Cowie, M., de Jong, D., Saleminck, E., ... Wiers, R. (2018). Luck, come here! Automatic approach tendencies toward gambling cues in moderate- to high-risk gamblers. *Addiction*, 113(2), 289–298.
- Brevers, D., Herremans, S., He, Q., Vanderhasselt, M.-A., Petieau, M., Verdonck, D., ... Baeken, C. (2018). Facing temptation: The neural correlates of gambling availability during sports picture exposure. *Cognitive, Affective and Behavioral Neuroscience*, 18(4), 718–729.
- Buchanan, T. (2018). The role of genetics in stress effects on health and addiction. *Current Opinion in Psychology*, 27, 72–76.
- Cherkasova, M., Clark, L., Barton, J., Schulzer, M., Shafiee, M., Kingstone, A., ... Winstanley, C. A. (2018). Win-concurrent sensory cues can promote riskier choice. *Journal of Neuroscience*, 38(48), 62–70.
- Clark, L., Boileau, I., & Zack, M. (2018). Neuroimaging of reward mechanisms in Gambling disorder: An integrative review. *Molecular Psychiatry*, 24(5), 674–693.
- Davis, C., Slutske, W., Martin, N. G., Agrawal, A., & Lynskey, M. (2018). Genetic and environmental influences on gambling disorder liability: A replication and combined analysis of two twin studies. *Psychology Medicine*, 49(10), 1705–1712.
- Dong, G., Li, H., Wang, Y., & Potenza, M. (2018). Individual differences in self-reported reward-approach tendencies relate to resting-state and reward-task-based fMRI measures. *International Journal of Psychophysiology*, 128, 31–39.
- Dong, G., Wu, L., Wang, Z., Wang, Y., Du, X., & Potenza, M. N. (2018). Diffusion-weighted MRI measures suggest increased white-matter integrity in Internet gaming disorder: Evidence from the comparison with recreational Internet game users. *Addictive Behaviors*, 81, 32–38.
- Fortgang, R., Hoff, R., & Potenza, M. N. (2018). Problem and pathological gambling in Schizophrenia: Exploring links with substance use and impulsivity. *Journal of Gambling Studies*, 34(3), 673–688.
- Gavriel-Fried, B. (2018). The crucial role of recovery capital in individuals with a gambling disorder. *Journal of Behavioral Addictions*, 7(3), 792–799.
- Gavriel-Fried, B., & Lev-el, N. (2018). Mapping and conceptualizing recovery capital of recovered gamblers. *American Journal of Orthopsychiatry*. <https://doi.org/10.1037/ort0000382>
- Grant, J. E., & Chamberlain, S. R. (2018). Caffeine's influence on gambling behavior and other types of impulsivity. *Addictive Behaviors*, 76, 155–160.
- Grant, J. E., & Chamberlain, S. R. (2018). Sleepiness and impulsivity: Findings in non-treatment seeking young adults. *Journal of Behavioral Addiction*, 7(3):737–742.

- Grant, J. E., Lust, K. A., Christenson, G. A., Redden, S. A., & Chamberlain, S. R. (2018). Gambling and its clinical correlates in university students. *International Journal of Psychiatry in Clinical Practice*, 23(1), 33-39.
- Grubbs, J., Chapman, H., Milner, L., Gutierrez, I., & Bradley, D. (2018). Examining links between post-traumatic stress and gambling motives: The role of positive gambling expectancies. *Psychology of Addictive Behaviors*, 32 (7), 821-831.
- Hellberg, S., Levit, J., & Robinson, M. (2018). Under the influence: Effects of adolescent ethanol exposure and anxiety on motivation for uncertain gambling-like cues in male and female rats. *Behavioural Brain Research*, 337, 17–33.
- Langan, K., Wall, M., Potts, W., & Himelhoch, S. (2018). Prevalence and potential predictors of gambling disorder among people living with HIV. *AIDS Care*, 31(3), 421-426..
- Medeiros, G. C., & Grant, J. E. (2018). Gambling disorder and obsessive–compulsive personality disorder: A frequent but understudied comorbidity. *Journal of Behavioral Addictions*, 7(2).
- Nelson, S., LaPlante, D., Gray, H. M., Tom, M., Kleschinsky, J. H., & Shaffer, H. (2018). Already at the table: Patterns of play and gambling involvement prior to gambling expansion. *Journal of Gambling Studies*, 34, 275–295.
- Potenza, M. (2018). Do gaming disorder and hazardous gaming belong in the ICD-11? Considerations regarding the death of a hospitalized patient that was reported to have occurred while a care provider was gaming. *Journal of Behavioral Addictions*, 7(2), 206–207.
- Potenza, M. (2018). Searching for replicable dopamine-related findings in gambling disorder. *Biological Psychiatry*, 83(12), 984–986.
- Richard, J., Potenza, M., Ivoska, W., & Derevenskey, J. (2018). The stimulating nature of gambling behaviors: Relationships between stimulant use and gambling among adolescents. *Journal of Gambling Studies*, 35(1), 47-62.
- Ronzitti, S., Kraus, S., Hoff, R., & Potenza, M. (2018). Stress moderates the relationships between problem-gambling severity and specific psychopathologies. *Psychiatry Research*, 259, 254–261.
- Shirk, S., Kelly, M., Kraus, S., Potenza, M., Pugh, K., Waltrous, C., & Federman, E. (2018). Gambling-related cognitive distortions predict level of function among US veterans seeking treatment for gambling disorders. *The American Journal on Addictions*, 27(2), 108–115.
- Slustke, W. (2018). Has the genetic contribution to the propensity to gamble increased? Evidence from national twin studies conducted in 1962 and 2002. *Twin Research and Human Genetics*, 21(2), 119–125.

Education & Outreach

2018 NCRG Conference on Gambling and Addiction



Dr. Steven Hayes delivering the Keynote Address.

Attendees from all over the world explored a variety of topics on new research on gambling and addiction: Acceptance and Commitment Therapy for addictive disorders; the neuroscience of gambling; new treatment guidelines; military veterans and disordered gambling; 12 Step programs; and sports betting.

The NCRG Conference on Gambling and Addiction annually showcases new research on gambling disorder through the poster session. In 2018, the poster session/welcome reception was sponsored by the Las Vegas Sands Corporation. A committee of researchers examined 21 posters and selected the following for recognition:

OUTSTANDING POSTER

“Shifting the focus from problem gamblers to gambling problems: A population level analysis for measuring gambling related harm in New Zealand”; lead author: Vijay Rawat, Central Queensland University

HONORABLE MENTION

“Defining early departure from gambling problem treatment: The need to account for treatment gains”; lead author: Michael Campos, UCLA Gambling Studies Program

“The directionality of the relationship among alcohol use when gambling, amount wagered when gambling and gambling-related problems”; lead author: Matthew Martens, University of Missouri



NCRG Chairman Alan Feldman presents Vijay Rawat the Outstanding Poster Award.

EDUCATION AND OUTREACH CONTINUED



At the awards luncheon, sponsored by MGM Resorts International, the annual Scientific Achievement Award was given to Dr. Debi LaPlante, Harvard Medical School and Cambridge Health Alliance.

NCRG Chairman Alan Feldman presents Debi LaPlante the Scientific Achievement Award.

19TH ANNUAL NCRG CONFERENCE ON GAMBLING AND ADDICTION PLANNING COMMITTEE

Thanks to the following individuals for committing their time and expertise to the development of the content for the 19th annual NCRG Conference.

Maria Christina Annaloro

*Director of Government Relations
& Responsible Gaming
Las Vegas Sands Corporation*

Bo Bernhard, PhD

*Philip G. Satre Chair in Gaming Studies
Executive Director
International Gaming Institute
University of Nevada, Las Vegas*

Daniel Blackwood

*Executive Director
The Evolution Group*

Bethany Bray, PhD

*Outreach Director
The Methodology Center
Pennsylvania State University*

Peter Cohen

*Director, Regulatory Affairs
The Agenda Group*

Joseph J. Coyne, PhD, LCADC

*American Psychological Association,
Board of Directors
American Psychological Association,
Council Leadership Team*

Stacey Frohnafel-Hasson, MPA

*Chief, Problem Gambling Services
Ohio Dept. Of Mental Health & Addiction*

Jon E. Grant, JD, MD, MPH

*Professor, Department of Psychiatry &
Behavioral Neuroscience
University of Chicago Pritzker School of
Medicine*

Raymond F Hanbury, PhD, ABPP

*Chief Psychologist
Hackensack Meridian Health System*

Dean Hestermann

*Corporate Director, Public Affairs
Caesars Entertainment Corporation*

Connie Jones

*Director of Responsible Gaming
Association of Gaming Equipment
Manufacturers (AGEM)*

Linda Marx, LMFT, LCDC

Marriage and Family Therapist

Gloria Miele, PhD

*Learning Collaborative Coordinator
CA Hub and Spoke MAT Expansion
Project
UCLA Integrated Substance Abuse
Programs.*

Victor Ortiz, MSW

*Director
Problem Gambling Services
Massachusetts Department of Public
Health*

Marc N. Potenza, MD, PhD

*Professor of Psychiatry, Child Study
and Neurobiology
Founding Director, Problem Gambling
Clinic
Yale University School of Medicine*

Christine Reilly, MA

*Senior Research Director
National Center for Responsible Gaming*

Kathleen M. Scanlan, MA

Steve Scuderi, ADN, RN

*Registered Nurse
Advocate Healthcare of Illinois, Lutheran
General Hospital*

Katherine Spilde, PhD, MBA

*Endowed Chair, Sycuan Institute on
Tribal Gaming
Professor, School of Hospitality and
Tourism Management
San Diego State University*

Ensuring the Integrity of NCRG-Funded Research

National Center for Responsible Gaming

The NCRG keeps a portion of the funds for education and outreach initiatives, while the bulk of the funds are distributed to research projects as directed by the independent Scientific Advisory Board (SAB) and peer-review panels.



Scientific Advisory Board

Scientific Advisory Board determines funding priorities and grant mechanisms.



Grant Applications

Grant applicants submit proposals to NCRG.



Proposals

Proposals are reviewed by independent peer review panels, which are selected by the Senior Research Director without the influence of the NCRG Governing body or the SAB.



Evaluations

Peer review panel evaluations are submitted to the Scientific Advisory Board.



Scientific Advisory Board

Neither donors nor the NCRG Governing Board have influence over funding decisions. This is the sole responsibility of the SAB.



Publications

Grantees encouraged to publish in peer reviewed journals. No prior review of manuscripts by NCRG entities is allowed.



Funding Sources

Grantees are required to acknowledge source of funding.

Financial Statements

The following Summary of Financial Position and Statements of Activities are from the 2018 audit, conducted by Tate & Tryon.

Statements of Financial Position

December 31	2018	2017
ASSETS		
Cash and cash equivalents	\$ 1,388,809	\$ 2,056,696
Investments	1,135,346	133,631
Accounts receivable	125,787	21,298
Grants receivable	1,613,373	1,723,958
Other assets	16,304	19,243
Total assets	\$ 4,279,619	\$ 3,954,826
LIABILITIES AND NET ASSETS		
LIABILITIES		
Accounts payable and accrued expenses	\$ 48,077	\$ 25,996
Grants payable	927,918	1,491,710
Total liabilities	975,995	1,517,706
NET ASSETS		
Without donor restrictions	1,590,251	713,162
With donor restrictions	1,713,373	1,723,958
Total net assets	3,303,624	2,437,120
Total liabilities and net assets	\$ 4,279,619	3,954,826

Statement of Activities

Year Ended December 31,	2018	2017
ACTIVITIES WITHOUT DONOR RESTRICTIONS		
Revenue and Support		
Contributions	\$504,333	\$183,347
Golf tournament	228,000	155,00
Conference	156,354	128,693
Investment income	14,284	6,029
Other income	6,500	26,125
	909,471	499,194
Net assets released from restriction	1,156,000	435,163
Total unrestricted revenue and support	2,065,471	934,357
Expense		
Program services		
Research grants program	480,140	1,138,856
Conference	141,791	124,847
Other programs	33,460	31,978
Total program services	655,391	1,295,681
Supporting services		
Administrative	304,684	358,211
Fund raising	229,307	141,210
Total supporting services	533,991	499,421
Total operating expense	1,189,382	1,795,102
Change in net assets without donor restrictions from operations	876,089	(860,745)
Net (loss) gain on investments	1,000	(323)
Change in unrestricted net assets	877,089	(861,068)
ACTIVITIES WITH DONOR RESTRICTIONS		
Contributions	1,178,730	1,332,163
Change in discount	(33,315)	(59,216)
Net assets released from restriction	(1,156,000)	(435,163)
Change in net assets with donor restrictions	(10,585)	837,784
CHANGE IN NET ASSETS		
	866,504	(23,284)
Net assets, beginning of year	2,437,120	2,460,404
Net assets, end of year	3,303,624	2,437,120



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