The National Center for Responsible Gaming's (NCRG) mission is to help individuals and families affected by gambling disorders by supporting the finest peer-reviewed, scientific research into pathological and youth gambling; encouraging the application of new research findings to improve prevention, diagnostic, intervention and treatment strategies; and advancing public education about gambling disorders and responsible gaming. The NCRG is the American Gaming Association's (AGA) affiliated charity.
The National Center for Responsible Gaming (NCRG) has always been focused on building connections. It is a top priority for us to encourage dialogue between between researchers in the field and clinicians; link science and clinical practice; and bring together regulatory bodies, community leaders and public health officials. And 2013 was certainly no exception. Over the past year, the NCRG has aimed to unite and expand the field through successful and long-lasting collaborations that will advance research, education and awareness of gambling disorders and responsible gaming.

A fundamental aspect of the NCRG’s mission is to invest in high-quality research that helps us better understand gambling disorders. Last spring, the NCRG named The University of Chicago and Yale University as the next NCRG Centers of Excellence in Gambling Research. These two institutions were each awarded a three-year grant to employ a long-term, institutional approach to conducting innovative research and education programs about gambling disorders. In addition, the NCRG has continued to build on its robust and competitive research grants program by awarding $751,951 to support new projects.

While research has been, and always will be, the foundation of the NCRG’s work, our organization also makes a concerted effort to find new ways to integrate these research findings into new initiatives and resources that will increase awareness and public education. With two new videos that explain the science behind our understanding of gambling disorders and highlight our many accomplishments since 1996, more people are learning about this public health issue and getting help if they need it.

We also want to make it easier to access information on gambling disorders and responsible gaming. One way we’ve done this is by creating The Discovery Project, a new, easy-to-use online library, located on our website, where you can find fact sheets, brochures, videos and more in one location.

The NCRG’s work to connect research and education didn’t stop there. The organization continued with many of its successful programs and resources: regional treatment provider workshops; free educational webinars; the eighth volume of its monograph series; a successful annual conference; and the second edition of the Gambling and Health series to aid professionals within the justice system.

Because of the success of these initiatives, the NCRG reached more than a half million people with resources in 2013 alone. Throughout our 2013 Annual Report is a story about our tireless work to enhance connections so that the field can grow and help more people with this addiction than ever before. On behalf of the organization’s Board of Directors, Scientific Advisory Board and staff, we want to thank everyone who has helped, and continues to help, expand our connections that, ultimately, move our organization forward.

Sincerely,

Alan Feldman
Chairman of the National Center for Responsible Gaming
For the past 17 years, the NCRG has seen the value of investing in the work of the top scientists in the field of gambling disorders. Not only did the NCRG provide the first significant private source of funding for high-quality research in 1996, but the organization continues to develop the field by encouraging young investigators to consider applying for the NCRG’s grants. Over the years, the NCRG has invested almost $17 million toward innovative research studies.

What impact does that type of investment make? For every $50,000 that the NCRG allocates for research, investigators publish at least one academic article in a scientific journal that helps advance our knowledge of gambling disorders and addiction as a whole.

The NCRG is proud of its investment in 2013. The organization awarded more than $750,000 in research funding for studies in our project grants program and awarding NCRG Centers of Excellence in Gambling Research grants to two institutions.

NCRG-funded studies continue to make an impact—from blocking the neurotransmitter in rats that helps curb problematic gambling behavior, to studying the interaction of gambling disorders and mood disorders for those in treatment. Findings from studies like these helps to connect the science to practice—giving clinicians, researchers, public health officials and more the ability to apply the research results to their daily lives.

Using research findings to increase public awareness—a hallmark of the NCRG’s work in 2013.

To ensure the highest quality of research is awarded each year, the NCRG grants program is overseen by the NCRG Scientific Advisory Board (SAB), which makes funding decisions based upon recommendations from independent peer-review panels. To see a list of the NCRG’s SAB members, visit page 27. For the NCRG’s peer-review panelists in 2013, see page 28.
**Gaming Industry**
The NCRG’s funders — mostly gaming companies and suppliers — make contributions to the NCRG.

**National Center for Responsible Gaming**
The NCRG keeps a portion of the funds to use 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.

**SAB and Peer-review Panels**
Researchers interested in obtaining funding submit proposals through the NCRG’s competitive grant-making process. This process is overseen by the SAB, an independent committee of some of the field’s leading experts. A peer-review panel is assembled to evaluate the proposals, based on criteria modeled after those used by the National Institutes of Health. The Scientific Advisory Board makes final funding decisions.

**NCRG Centers of Excellence**
Using substantial research grants awarded by the NCRG, the NCRG Centers of Excellence in Gambling Research conduct dynamic, ongoing research programs on gambling disorders.

**NCRG Project Grants**
The NCRG also awards grants to researchers from around the world for individual research projects on gambling disorders.

**Peer-reviewed Scientific Journals**
After the research has been completed, the researcher usually submits a report on the project and its findings to independent, peer-reviewed journals. NCRG-funded studies have resulted in the publication of more than 220 articles in such journals. The NCRG board and its funders learn about the research findings after they have been published.
NCRG Centers of Excellence in Gambling Research

During more than a decade of funding research on gambling disorders, the NCRG observed that substantial, multiyear research grants are the most effective vehicles for producing seminal research on gambling disorders. The strength of an established research center lies in the fact that they move the field forward in its understanding of the disorder, all while placing a strong emphasis on mentoring the next generation of scientists. In 2009, the NCRG created the NCRG Centers of Excellence in Gambling Research and awarded the first three-year grants to the University of Minnesota and Yale University.

Following the initial success of the program, the NCRG opened up a rigorous peer-review process in 2012 for institutions to apply to become NCRG Centers of Excellence. In March, the NCRG announced that the institutions that would receive the next three-year round of funding were The University of Chicago and Yale University. For the remainder of 2013, both NCRG Centers of Excellence conducted groundbreaking studies, promoted science-based education efforts for health care providers and mentored the next generation of researchers in this field.

NCRG Center of Excellence at The University of Chicago

Under the leadership of Jon E. Grant, J.D., M.D., M.P.H., the goal of the NCRG Center of Excellence in Gambling Research at The University of Chicago is to develop and validate a model that potentially detects and treats youth who are susceptible to impulse control problems and other risky behaviors, including gambling disorders.

Dr. Grant and his colleagues will conduct this research in partnership with the University of Minnesota. Because of the collaboration between these two institutions, this NCRG Center of Excellence will be able to expand their research by:

- Increasing ethnic diversity of the sample to include 200 additional participants in the sample of 420 young adults recruited previously.
- Using neuroimaging and genetics testing technology, specific to The University of Chicago, to investigate the core cognitive dysfunctions of the brain.
NCRG Center of Excellence at Yale University

The two main research components of the NCRG Center of Excellence in Gambling Research at Yale University are to:

- Focus on the interaction between the neurobiology and clinically relevant aspects of gambling disorders
- Investigate adolescent gambling and risk-taking in a community survey

Over the next three years, Marc Potenza M.D., Ph.D., and his team will expand these two focus areas to integrate new epidemiological, public health, clinical, treatment, genetic, behavioral and neuroimaging methods to study new lines of research by including:

- Understanding the motivational and emotional factors that influence the development of gambling disorders in men and women.
- Focusing on the role of stress in gambling urges and cravings.
- Conducting a trial of the pharmaceutical drug and nutritional supplement, n-acetyl cysteine (NAc), and PET brain scans (Positron Emission Topography) to potentially develop a medication for gambling disorders.

NCRG Project Grants Program

The NCRG awarded $751,951 in research that will work to make connections — not only within the field of gambling disorders, but also among various disciplines — by looking at mood disorders and post-traumatic stress disorder (PTSD). Below are the 10 research grants awarded by the NCRG in 2013.

Seed Grants

**How Skill Affects Gambler Responses to Wins and Losses**  
**Principal Investigator:** Kyle Siler, Ph.D., McMaster University  
**Awarded** $27,536  

Using a large dataset of online poker hands, Dr. Siler is studying the effects of wins and losses on subsequent play. He hypothesized that more skilled players will exhibit greater emotional control and strategic consistency than their less skilled counterparts following large wins and losses, whether lucky or unlucky.

**An Animal Model of Relapse to Pathological Gambling**  
**Principal Investigator:** David Kearns, Ph.D., American University  
**Award: $28,750**  

What are the causes of relapse among individuals with a gambling disorder? Dr. Kearns is developing an animal model that will both provide information about the reasons why relapse occurs and set the stage for future research that tests behavioral and pharmacological interventions designed to prevent relapse.
**The Effects of PTSD on Risky Decision-making**

**Principal Investigator:** Caitlin A. Orsini, Ph.D., University of Florida  
**Award:** $28,750

Because PTSD may alter decision-making capabilities, there is increasing interest in the relationship between PTSD and disordered gambling behavior. Dr. Orsini’s study will use a rodent model to determine whether elevated risk-taking is a pre-disposing factor to developing PTSD-like symptoms following trauma.

**Early Stage Investigator Grant**

**Developing a Mouse Model of Pathological Gambling using an Inducible and Tissue-specific Serotonin 1B Receptor Knock-out**

**Principal Investigator:** Katherine Nautiyal, Ph.D., Research Foundation for Mental Hygiene, Inc.  
**Award:** $147,706

Dr. Nautiyal’s research will serve as a foundation for her future independent career investigating the pathophysiology of gambling disorders and the development of pharmacological treatments for this addiction. Her lab has developed a mouse line that regulates how a specific neurotransmitter receptor regulates the expression of serotonin in the brain, impacting decision-making behavior.

**Large Grants**

**Efficacy of a Brief Motivational Intervention Delivered via Smartphone and Short Messaging Service**

**Principal Investigator:** Matthew Martens, Ph.D., University of Missouri-Columbia  
**Award:** $171,350

Expanding upon his previous NCRG grant, Dr. Martens will test the efficacy of a brief intervention designed to reduce gambling behavior among college students, delivered via smartphones and text messages.

**Social Influences on the Development of Risky Choice**

**Principal Investigator:** Scott A. Huettel, Ph.D., Duke University  
**Award:** $172,358

Is adolescent risk-taking indicative of an inability to inhibit behaviors because of immature brain systems? Dr. Huettel will investigate the hypothesis that (a) social context amplifies the value of a positive reward during risky decision-making and (b) that this effect is greater in adolescents.

**Neural Correlates of Impulsivity and their Modulation by Dopamine in Problem/Pathological Gambling**

**Principal Investigator:** Andrew Kayser, M.D., Ph.D., Ernest Gallo Clinic and Research Center at the University of California, San Francisco  
**Award:** $172,500

Dr. Kayser will evaluate a novel approach for gambling disorders: inhibitors of the dopamine-degrading enzyme catechol-O-methyltransferase (COMT). If successful, this study may open the possibility of a new treatment approach to gambling disorders.

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**Dr. Tammy Chung leads the 2013 Annual Education Summit’s workshop for 30 young researchers.**
**Travel Grants**

**Gambling and the Onset of Comorbid Mental Disorders: A Longitudinal Study Evaluating Severity and Specific Symptoms**  
*Principal Investigator:* Iman Parhami, M.D., M.P.H., Delaware Division of Substance Abuse and Mental Health  
*Award:* $1,500

This grant supported Dr. Parhami’s participation in the annual meeting of the American Academy of Addiction Psychiatry where he presented a study of the gambling data in the National Epidemiological Survey on Alcohol and Related Conditions (NESARC). He analyzed the data to determine whether different levels of gambling behavior are associated with the onset of psychiatric disorders and whether certain symptoms are more likely to be associated with the onset of co-occurring disorders.

**Do Pathological Gamblers Suffer from a Distorted Sensitivity to Reward?**  
*Principal Investigator:* Guillaume Sescousse, Ph.D., Donders Institute for Brain, Cognition and Behavior, the Netherlands  
*Award:* $1,500

This grant supported Dr. Sescousee’s participation as a speaker at the annual meeting of the Society for Neuroscience. He presented on research suggesting a distorted sensitivity to reward for individuals with a gambling disorder. From a clinical perspective, the findings suggest that enhancing the prominence of non-monetary rewards may be a fruitful strategy as part of a therapeutic approach.

**The Atypical Antidepressant Mirtazapine Attenuates Gambling-like Behavior in Rodents**  
*Principal Investigator:* Amanda Persons, Ph.D., Rush University Medical Center  
*Award:* $1,500

With this travel grant, Dr. Persons participated in the poster session at the annual meeting of the College on Problems of Drug Dependence. She reported on research, funded by the NCRG, revealing that the atypical antidepressant drug mirtazapine reduced risk-taking behavior in rats.

“There are few psychosocial treatments developed specifically for gambling addiction, and it is difficult to obtain National Institutes of Health or National Science Foundation support to develop new treatment options. NCRG-funding makes this possible.”

*Katie Witkiewitz, Ph.D., University of New Mexico*
2013 Publications of NCRG-funded Research

For a scientist, research articles published in respected scientific journals is a true hallmark of scientific merit. Since 1996, NCRG-funded research has produced more than 220 publications, and studies made possible by NCRG grants were cited in more than 14,500 articles in academic journals—a true test of impact.

The following is a list of NCRG-funded research studies published in 2013.


The NCRG’s goal of advancing public education about gambling disorders hinges on connection and collaboration among all who have a vested interest in this issue.

Annual Education Summit

For 2013, the NCRG wanted to bridge the gap between research and practice through education and outreach programs. One initiative that accomplished that on various levels was the seventh Annual Education Summit. One initiative this accomplished that goal was the seventh Annual Education Summit, held on March 14 and 15. NCRG board members Alan Feldman and Judy Patterson and NCRG staff members Amy Kugler, Christine Reilly and Nathan Smith were joined by Dr. Grant, NCRG Scientific Advisory Board (SAB) member Tammy Chung, Ph.D., and SAB Chairman Dr. Winters.

On March 14, the NCRG held a symposium in conjunction with The University of Chicago to announce the NCRG Centers of Excellence in Gambling Research grants at The University of Chicago and Yale University. More than 60 community representatives attended this event.

The NCRG also gathered 30 early stage investigators for a full-day workshop on March 15. Drs. Chung, Grant and Winters led sessions designed to sharpen their skills in writing grants and publishing research, as well as to learn more about available NCRG funding opportunities. As a result, almost 90 percent of the attendees have remained involved in the NCRG in various capacities after this event.
Changes in the *DSM-5* Drive an Education Campaign

The American Psychiatric Association’s (APA) highly-anticipated release of the fifth edition of the *Diagnostic and Statistical Manual of Mental Disorders (DSM-5)* signaled a significant change for the field of research on gambling disorders. Thanks in part to the work that the NCRG has funded since 1996, the diagnosis of a gambling disorder moved into the “Addiction and Related Disorders” category, a change that will garner more attention to this addictive behavior.

The NCRG made it a priority to educate researchers and clinicians about the subsequent changes, and conducted a campaign in conjunction with the publication’s release in May. The NCRG informed more than 2,000 stakeholders about the significant changes for gambling disorders in the new diagnostic code through the following activities:

- Launched a white paper series for 2013, with the first publication being a discussion on the changes to the gambling disorders diagnostic criteria
- Hosted a webinar on April 24, led by Dr. Grant
- Exhibited at the APA annual meeting to more than 1,200 psychiatrists (an audience that has been previously underserved by the NCRG) to educate about the NCRG’s resources and build partnerships with those in addiction medicine
- Conducted a social media education campaign: Kugler, Smith and Reilly used Gambling Disorders 360°, the NCRG’s blog, and social media channels to cover the activities during the APA convention and subsequent presentations by Drs. Grant and Potenza
- Held a *DSM-5*-specific workshop at the 14th annual NCRG Conference on Gambling and Addiction to help clinicians adjust to the revisions.

*Nathan Smith (left) and Christine Reilly prepare the exhibit for the APA annual meeting*
A hallmark of the NCRG is taking the new, innovative research and helping everyone understand how it impacts their daily lives. In 2013, the NCRG took a new approach to building partnerships and communicating with stakeholders. Through new meetings, publications and online resources, the organization reached more than 500,000 individuals around the world.

**Engaging Education Initiatives**

**NCRG Conference on Gambling and Addiction**

Leading up to the 14th annual NCRG Conference on Gambling and Addiction, the many changes in health care policies and mental health diagnostic codes were driving the larger conversation of what recovery and prevention should include for those with addictive disorders. The 2013 NCRG Conference program helped to educate stakeholders about how these changes in the mental health space impact communities. The NCRG Conference—hosted in partnership with the NCRG Centers of Excellence in Gambling Research and occurring in conjunction with Global Gaming Expo (G2E)—was held at the Sands Expo and Convention Center at the Venetian Las Vegas from Sept. 22-24.

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**The NCRG is grateful for the generous sponsors of the 14th annual NCRG Conference on Gambling and Addiction.**

**Platinum:**

- NGT
- Sands
- MGM Resorts International

**Silver:**

- betsson group
- Caesars Entertainment
- isle casino
- Gtech
- Penn National Gaming, Inc.
- Potawatomi Bingo Casino

**Bronze:**

- GLI
National leaders in public health, the gaming industry and academia examined how the Affordable Care Act and DSM-5 will impact diagnosis and treatment options, and discussed the efficacy of responsible gaming programs. Top-tier researchers shared the latest data and gave attendees a fresh perspective on the neurobiology of addiction, specifically about gambling and co-occurring disorders.

The “NCRG at G2E” program, geared toward gaming industry leaders, featured sessions about online responsible gaming interventions, as well as lessons from other industries’ cause-marketing efforts and how each can inform best practices for responsible gaming programs.

The NCRG Conference’s social media presence grew significantly in 2013. With a cadre of conference attendees sharing highlights via Twitter with the event hashtag, social media impressions reached more than 150,000 individuals. The NCRG’s eight posts on Gambling Disorders 360° and real-time reporting on Facebook and Twitter allowed social media users to engage with the conference, even if they weren’t attending in person. Through efforts like these, engagement on social media channels increased 25 percent from 2012 event levels.

NCRG Conference Advisory Board
The following individuals generously donated their time and expertise to help develop the program for the 2013 NCRG Conference:

**Bethany Bray**
Research Associate, The Methodology Center
Penn State University

**Peter Cohen**
Director, Regulatory Affairs
The Agenda Group

**Jon E. Grant, J.D., M.D., M.P.H.**
Professor, Department of Psychiatry and Behavioral Neuroscience
The University of Chicago

**Dean Hestermann**
Corporate Director, Public Affairs
Caesars Entertainment Corporation

**Connie Jones**
Director of Responsible Gaming
International Game Technology

**Renee Kirnberger**
Public Affairs Manager
Potawatomi Bingo Casino

**Amy Kugler**
Director of Communications and Outreach
National Center for Responsible Gaming

**Linda Marx, L.M.F.T.**
Marriage and Family Therapist

**Reece Middleton**
Executive Director
Louisiana Association on Compulsive Gambling

**Marc N. Potenza, M.D., Ph.D.**
Professor of Psychiatry, Child Study and Neurobiology
Founding Director, Problem Gambling Clinic
Yale University School of Medicine

**Christine Reilly**
Senior Research Director
National Center for Responsible Gaming

**Katherine Spilde, Ph.D.**
Chair, Sycuan Institute on Tribal Gaming
Associate Professor, School of Hospitality and Tourism Management
San Diego State University

**Mark Vander Linden, M.S.W.**
Director of Research and Problem Gambling
Massachusetts Gaming Commission
NCRG Scientific Achievement and Poster Awards

Scientific Achievement Award

Understanding how to address youth gambling is no easy task. With more than 150 articles published in peer-reviewed journals, Dr. Jeffery Derevensky, a professor in the school/applied child psychology department and in the psychiatry department of McGill University (Montreal), has provided a greater understanding of how to study youth gambling in clinical settings, college gambling and the development of prevention strategies to help limit youth engagement in gambling and other risky behaviors.

The NCRG presented the 2013 Scientific Achievement Award to Dr. Derevensky, not only for his research efforts, but also for his ability to translate his research to promote public awareness and youth gambling prevention initiatives. His leadership of the McGill International Centre for Youth Gambling Problems and High-risk Behaviors has been instrumental in developing prevention and treatment strategies that address youth gambling at a community level, as well as international collaborations that have advanced the field.

Outstanding Poster Award

The 2013 Outstanding Poster Award was selected from among 30 posters presented at the NCRG Conference. The NCRG presented the award to Alyssa Wilson, Ph.D., and her colleagues from Saint Louis University and Southern Illinois University for their work, titled “Exploring neurological differences among gambling subtypes.”
Reaching Clinicians Across the Nation

NCRG Webinar Series

In partnership with the G2E Online Education Center, the NCRG provided four free training sessions for clinicians, researchers and the public to better understand and address issues related to gambling disorders and responsible gaming. In 2013, attendance for the NCRG Webinar Series showed an unprecedented increase of 47 percent over 2012 attendance numbers.

- “Post-traumatic Stress Disorder and Problem Gambling” was held on Feb. 8. Lisa Najavits, Ph.D., of the Boston University School of Medicine, led the session for 258 attendees.

- “From ‘Pathological Gambling’ to ‘Gambling Disorder:’ Changes in the DSM-5” – Dr. Grant, co-author of the DSM-5 guidebook, gave a preview of the changes expected to this diagnostic manual for more than 320 participants on April 24.

- “Acceptance and Commitment Therapy (ACT) for Gambling Disorders and Other Addictive Behaviors” – Mark Dixon, Ph.D., professor at Southern Illinois University, presented this evidence-based therapeutic option to more than 200 attendees on July 31.

- “Addiction as Syndrome: Implications for Understanding and Treating Gambling Disorders and Other Addictions” – Sarah Nelson, Ph.D., associate director of research at the Division on Addiction, Cambridge Health Alliance, a teaching affiliate of Harvard Medical School, led this session for 205 participants on Oct. 30.

In 2013, attendance for the NCRG Webinar Series increased.
Treatment Provider Workshop Series—Partnerships that Produce Quality Training

More than 300 clinicians took part in three regional sessions, held in partnership with local organizations, to help mental health and addiction treatment providers understand the most up-to-date research on gambling disorders and apply those findings to their clinical practice. At each workshop, attendees received the full NCRG toolkit with brochures, diagnostic tools and other resources. These sessions and regional partners included:

- **Pasco, Wash.** Dr. Nelson led this two-part training, held in partnership with the Evergreen Council on Problem Gambling, on April 2. More than 80 percent of the attendees represented Native American tribal health facilities.

- **Kansas City, Mo.** Dr. Najavits led the second session at the Midwest Conference on Problem Gambling and Substance Abuse on June 26. Her talk, titled “Post-traumatic Stress Disorder and Problem Gambling,” was the highest-rated session of the conference among attendees.

- **Baton Rouge, La.** In partnership with the Louisiana Association on Compulsive Gambling, the NCRG organized the final 2013 workshop on gambling disorder screening and assessment strategies. More than 50 clinicians heard Dr. Winters give an overview of how to diagnose and treat co-occurring disorders.

Each treatment provider workshop was supplemented by meetings with gaming industry members to explain more about the NCRG’s resources; college university administrators to talk about the tools on CollegeGambling.org; and more. Each trip yielded an average of four meetings.

**500,000+**

Individuals reached around the world through NCRG meetings, publications and online resources
Connection Point: Outreach and Partnerships

NCRG staff members logged more than 50,000 miles in 2013 by traveling across the country to deliver keynote addresses, present and exhibit at events and conference, or build new partnerships. Over the past year, staff and members from the Board of Directors and SAB attended 13 meetings or events on behalf of the NCRG—aiming to increase visibility from previous years. Each event targeted a different stakeholder group, from university health professionals and clinicians to gaming regulators.

NCRG staff promoted the organization’s research program at national and international events, including the International Conference on Gambling and Risk Taking, the American Psychiatric Association’s annual meeting, the Research Society on Alcoholism, and the Association for Cognitive and Behavioral Therapies. Kugler and Reilly led presentations at public health conferences, such as the American College Health Association, the National Council on Problem Gambling’s annual meeting, the Midwest Conference on Problem Gambling and Substance Abuse, and the Iowa State Prevention Conference. Additionally, NCRG staff, researchers and board members have consulted with, and provided the latest research to, state gaming regulators to help them determine the future of responsible gaming programs in their area.

Helping More Students “Know the Odds”

On September 27, the packets of the “Know the Odds” curriculum, developed in partnership with Young Minds Inspired (YMI), reached 1,445 schools in Atlantic City, N.J., Biloxi, Miss., Chicago, Cleveland, Las Vegas, New Orleans, Philadelphia, San Diego, and Seattle. YMI estimates that this mailing reached more than 400,000 students, parents and teachers. To promote the research in target markets, the NCRG distributed a press release and pitched stories to key reporters. Since the program began in 2011, this program has reached more than 3,700 schools—reaching almost 940,000 students, parents and teachers.

Responsible Gaming Education Week

In conjunction with the AGA, the NCRG helped coordinate the 16th annual Responsible Gaming Education Week (RGEW), which took place from Aug. 5 to 9. The theme for 2013—“How Do You Say Responsible Gaming?”—focused on educating gaming employees and patrons nationwide about the tenets of responsible gaming and provided materials in six languages. The NCRG opened up RGEW to regional and state problem gambling councils, five of whom participated.

As a part of RGEW, the NCRG and AGA asked employees to videotape responsible gaming messages in their first languages. The organizations compiled a video showing the breadth of languages of gaming employees, which is featured on the AGA’s YouTube page.
Connection Point: Resources

Describing the Science with Videos

A goal of the NCRG for 2013 was to present the science-based findings of the latest research to new audiences. To accomplish this, the NCRG created brief videos that brought the studies to life in a way that was easy to understand.

• The first video— “What is a Gambling Disorder?”— gives an overview of the research findings about gambling disorders and resources for help. The NCRG promoted this video among media outlets, partners and various trade publications, including the AGA SmartBrief daily email. The video currently has more than 1,500 views on the NCRG’s YouTube channel, has been distributed to more than 15 gaming properties to use for employee trainings and has been shown in five orientations for incoming college students.

• “The Impact of the NCRG” is a two-minute glimpse of the significant advancements made by the NCRG since 1996. It includes the many NCRG-funded research highlights and educational resources that the organization provides. The video was debuted at the 14th annual NCRG Conference and has been viewed by more than 500 individuals on the NCRG’s YouTube channel, at training events and speaking engagements.

“Gambling and Health in the Justice System”

The second edition of the Gambling and Health series was published in July and distributed to more than 1,000 members of national organizations representing the judiciary and drug court systems, as well as public health organizations. This guidebook and one-page fact sheet was designed to give judges, parole officers, attorneys and other professionals involved in the legal system a greater understanding of gambling disorders and responsible gaming. The publication was launched in conjunction with a unique meeting convened by the Evergreen Council on Problem Gambling at the National Council on Problem Gambling (NCPG) annual conference attended by attorneys and judges from the Pacific Northwest. An additional 500 guidebooks were supplied to a statewide training for attorneys and judges hosted by partners in Nevada.
The Discovery Project

In July, the NCRG launched The Discovery Project, an easy-to-use online library specifically designed for media and other stakeholders. The Discovery Project includes new materials, synthesizes the NCRG’s numerous resources—including videos, guidebooks, brochures and condensed information on research studies—and allows users to search for information by date, keyword, topic or content type. E-ad marketing promoted the resource to more than 8,000 people, including the NCRG’s database, key stakeholders, partners and an expanded media list. The Discovery Project has been accessed more than 5,000 times since July.

Integrating Resources in New Languages

To help expand the international reach of the NCRG’s resources, the organization translated the following materials in these languages:

- “Talking with Children about Gambling” brochure: Chinese, French, Korean, Spanish and Vietnamese
- “NCRG Resources” brochure: Chinese, French, Spanish and Vietnamese
- “College Gambling” brochure: French and Spanish
- Brief Biosocial Gambling Screen magnet: Chinese, French, Korean, Spanish and Vietnamese

All of these publications are available as a free download on the NCRG’s website.

Increasing the Odds: A Guide to Understanding Gambling Disorders and Responsible Gaming

The eighth edition of the NCRG’s monograph series was released in August. Titled “Innovative Studies from the NCRG Centers of Excellence in Gambling Research,” the publication highlights the NCRG Centers of Excellence at the University of Minnesota and Yale University’s work during their first three years of funding. More than 1,000 copies were distributed, and the monograph has been downloaded more than 800 times.

NCRG White Paper Series

In March, the NCRG developed two white papers that explain the changes in the DSM-5 (as previously mentioned) and the latest research on Internet gambling. They are both available on the NCRG’s website as a free download, and both have been downloaded nearly 1,000 times each.
**Responsible Gaming Quarterly**

This joint publication of the NCRG and the AGA was published in late January as an online version on both the NCRG and AGA websites. It was distributed via email marketing to the Responsible Gaming Quarterly (RGQ) database of more than 7,000 readers.

**New Online Distribution Platforms**

To increase use and distribution of the organization’s various resources, the NCRG used ISSUU (www.issuu.com), a clearinghouse that allows users to access and download material. Currently, the Gambling and Health series, RGQ, select monographs and brochures are uploaded. The seven publications currently available on ISSUU boast more than 15,000 unique visits.

**Media Outreach**

A majority of the organization’s media coverage centered on specific NCRG programs, including the NCRG Centers of Excellence in Gambling Research award announcement and new resources. NCRG-funded researchers were featured in articles run by the Chicago Tribune and The Wall Street Journal, and the Las Vegas Review-Journal covered changes to the NCRG Board of Directors. Additional coverage included a drive time interview on August 7 with KXNT Radio Las Vegas.

The NCRG was heavily involved in helping connect reporters for the Associated Press and The Washington Post to the relevant researchers to help disseminate peer-reviewed research in those publications.

**Websites and Social Media Channels**

The NCRG’s website traffic has increased 10 percent (compared with 2012), to 35,300 visits and 87,350 page views in 2013. Likewise, Gambling Disorders 360° saw its viewership increase almost 60 percent this year to almost 13,250 visits and 18,350 page views. The NCRG’s Twitter account has grown to 970 followers, and the Facebook page has grown to 375 fans.
With a successful 2013 and many opportunities on the horizon, the NCRG is conducting a set of strategic planning sessions in the beginning of 2014. This will help the organization refine its mission and set a vision for its future, while holding true to the impact that the NCRG has already made.

In the meantime, the NCRG will continue to be at the forefront of supporting innovative research studies. This year, the NCRG is pleased to make $800,000 available in grants to support scientific research on gambling disorders. Grants will be awarded on a competitive basis in four different categories: Travel Grants, Seed Grants, Post-doctoral Individual Fellowships and Large Grants. We are also excited to see the research findings from the work of the NCRG Centers of Excellence in Gambling Research at The University of Chicago and Yale University and learn how they’ll improve diagnostic, intervention and treatment strategies.

The NCRG will aim to further educate college administrators and college health professionals about gambling on college campuses in 2014. This latest college gambling campaign will kick off during the NCAA basketball tournament and will include two new key resources.

First, NCRG-funded researchers will publish the first-ever online screening and brief intervention designed specifically for college students. This web-based assessment will be available on CollegeGambling.org, serving as a helpful resource for college-aged individuals to assess their gambling behavior.

The NCRG will also release a video, geared toward college students, to help them better understand gambling, the risks and how to gamble responsibly (if they are of legal age).

Partnerships will remain an integral part of the NCRG moving forward. The organization will continue to build on partnerships with local, national and international organizations, helping to combine our efforts to collectively educate and increase awareness of gambling disorders around the world. The NCRG will share all of our events, trainings, resources and outreach efforts through a new online news resource and social media channels.

In 2014, the NCRG is planning a celebration for the 15th annual NCRG Conference on Gambling and Addiction. The upcoming event will unite attendees in unique ways and utilize more technology and educational tools than previous years.

With the past as prologue, the NCRG is poised to fund more research and reach the public with more resources than before. We hope you’ll join us in our effort to advance the understanding of gambling disorders and responsible gaming.
The following Summary of Financial Position and Statement of Activities reflect amounts from the NCRG’s 2012 audit. Financial statements that reflect audited figures from 2013 will be available by fall 2014.

### Summary of Financial Position

<table>
<thead>
<tr>
<th>As of December 31</th>
<th>2012</th>
<th>2011</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ASSETS</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cash and Cash Equivalents</td>
<td>$3,198,741</td>
<td>$3,080,845</td>
</tr>
<tr>
<td>Investments</td>
<td>570,361</td>
<td>512,462</td>
</tr>
<tr>
<td>Accounts Receivable</td>
<td>111,523</td>
<td>13,256</td>
</tr>
<tr>
<td>Prepaid Expenses and Deposits</td>
<td>10,477</td>
<td>11,505</td>
</tr>
<tr>
<td>Grants Receivable</td>
<td>2,612,191</td>
<td>2,985,321</td>
</tr>
<tr>
<td><strong>Total Assets</strong></td>
<td><strong>$6,503,293</strong></td>
<td><strong>$6,603,389</strong></td>
</tr>
<tr>
<td></td>
<td><strong>$7,528,169</strong></td>
<td></td>
</tr>
</tbody>
</table>

| **LIABILITIES AND NET ASSETS** |            |            |
| **Liabilities**                |            |            |
| Accounts payable and accrued expenses | $30,317    | $75,233    |
| Grants Payable                 | $1,135,390 | $759,522   |
| **Total Liabilities**          | **$1,165,707** | **$834,785** |
| **Net Assets**                 |            |            |
| Unrestricted                   | 2,725,395  | 1,778,115  |
| Temporarily Restricted         | 2,612,191  | 3,990,489  |
| **Total Net Assets**           | **5,337,586** | **5,768,604** |

| **Total Liabilities and Net Assets** | **$6,503,293** | **$6,603,389** |

## Statement of Activities

**Year Ended December 31**

### UNRESTRICTED ACTIVITIES

#### REVENUE AND SUPPORT

<table>
<thead>
<tr>
<th></th>
<th>2012</th>
<th>2011</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hall of Fame</td>
<td>$235,947</td>
<td>$223,233</td>
</tr>
<tr>
<td>NCRG Conference</td>
<td>197,600</td>
<td>201,633</td>
</tr>
<tr>
<td>AGEM-AGA Golf Tournament</td>
<td>133,000</td>
<td>100,000</td>
</tr>
<tr>
<td>Contributions</td>
<td>48,540</td>
<td>18,490</td>
</tr>
<tr>
<td>Interest and Dividends</td>
<td>13,095</td>
<td>20,635</td>
</tr>
<tr>
<td>Other Income</td>
<td>1,175</td>
<td>13,346</td>
</tr>
<tr>
<td></td>
<td><strong>$629,357</strong></td>
<td><strong>$577,367</strong></td>
</tr>
<tr>
<td>Net Assets Released from Restriction</td>
<td>2,281,168</td>
<td>481,766</td>
</tr>
<tr>
<td><strong>Total Unrestricted Revenue and Support</strong></td>
<td><strong>$2,910,525</strong></td>
<td><strong>$1,059,133</strong></td>
</tr>
</tbody>
</table>

#### EXPENSE

**Program Services**

<table>
<thead>
<tr>
<th></th>
<th>2012</th>
<th>2011</th>
</tr>
</thead>
<tbody>
<tr>
<td>Institute and Research</td>
<td>$1,161,443</td>
<td>723,133</td>
</tr>
<tr>
<td>Communications</td>
<td>337,318</td>
<td>370,700</td>
</tr>
<tr>
<td>Education and Outreach</td>
<td>165,938</td>
<td>130,594</td>
</tr>
<tr>
<td>Conference</td>
<td>132,797</td>
<td>190,612</td>
</tr>
<tr>
<td>Total Program Services</td>
<td><strong>$1,797,496</strong></td>
<td><strong>1,415,039</strong></td>
</tr>
</tbody>
</table>

**Supporting Services**

<table>
<thead>
<tr>
<th></th>
<th>2012</th>
<th>2011</th>
</tr>
</thead>
<tbody>
<tr>
<td>Administrative</td>
<td>141,466</td>
<td>144,075</td>
</tr>
<tr>
<td>Fundraising</td>
<td>71,896</td>
<td>86,870</td>
</tr>
<tr>
<td>Total Supporting Services</td>
<td><strong>$213,362</strong></td>
<td><strong>$230,945</strong></td>
</tr>
</tbody>
</table>

**Total Expense**

<table>
<thead>
<tr>
<th></th>
<th>2012</th>
<th>2011</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>$2,010,858</strong></td>
<td><strong>$1,645,984</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>2012</th>
<th>2011</th>
</tr>
</thead>
<tbody>
<tr>
<td>Change in Net Assets Before Other Item</td>
<td>899,667</td>
<td>(586,851)</td>
</tr>
<tr>
<td>Realized and Unrealized Gain (Loss), Net</td>
<td>47,613</td>
<td>(40,548)</td>
</tr>
<tr>
<td>Change in Unrestricted Net Assets</td>
<td>($947,280)</td>
<td>($627,399)</td>
</tr>
</tbody>
</table>

### TEMPORARILY RESTRICTED ACTIVITIES

<table>
<thead>
<tr>
<th></th>
<th>2012</th>
<th>2011</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contributions</td>
<td>850,000</td>
<td></td>
</tr>
<tr>
<td>Change in Discount, Net</td>
<td>52,870</td>
<td>118,276</td>
</tr>
<tr>
<td>Change in Pledged Amount</td>
<td>-</td>
<td>(4,000)</td>
</tr>
<tr>
<td>Net Assets Released from Restriction</td>
<td>(2,281,168)</td>
<td>(481,766)</td>
</tr>
<tr>
<td>Change in Temporarily Restricted Net Assets</td>
<td>(1,378,298)</td>
<td>(367,490)</td>
</tr>
</tbody>
</table>

### CHANGE IN NET ASSETS

<table>
<thead>
<tr>
<th></th>
<th>2012</th>
<th>2011</th>
</tr>
</thead>
<tbody>
<tr>
<td>Net Assets, Beginning of Year</td>
<td>$5,768,604</td>
<td>$6,763,493</td>
</tr>
<tr>
<td>Net Assets, End of Year</td>
<td><strong>$5,337,586</strong></td>
<td><strong>$5,768,604</strong></td>
</tr>
</tbody>
</table>
Summary of 2013 Expenditures

Based on unaudited financials as of December 31, 2013

Since 1996, more than $25 million has been committed to the NCRG, thanks to generous support from various financial donors. Gaming companies, suppliers, related organizations and individuals make multi-year pledges as a show of their ongoing commitment to funding the best research available on gambling disorders and responsible gaming. The following is a list of contributors in 2013.

Gold Level

Caesars Entertainment Corporation
Gary Loveman
President, CEO and Chairman

Las Vegas Sands Corp.
Sheldon G. Adelson
Chairman of the Board and CEO

Silver Level

International Game Technology
Patti S. Hart
CEO

MGM Resorts International
James J. Murren
Chairman and CEO

Bronze Level

Acadia Healthcare
Joey A. Jacobs
Chairman and CEO

Ameristar Casinos, Inc.
Gordon Kanofsky
CEO and Director

Bally Technologies, Inc.
Richard Haddrill
Chairman

Boyd Gaming Corporation
Keith Smith
President and CEO

Churchill Downs Incorporated
Robert L. Evans
Chairman and CEO

Glenn Christenson
Isle of Capri Casinos, Inc.
Virginia McDowell
President and CEO

Penn National Gaming, Inc.
Timothy J. Wilmott
President and COO

Pinnacle Entertainment
Anthony M. Sanfilippo
President and CEO

Station Casinos, LLC
Frank J. Fertitta, III
Chairman, President and CEO

WMS Gaming, Inc.
Brian R. Gamache
Chairman and CEO

Wynn Resorts, Limited
Stephen A. Wynn
Chairman of the Board and CEO

*The figure for research grants and related administrative expenses reflects payments for actual expenses (including grants awarded in earlier years) and not the amount awarded in 2013.
In addition to the substantial financial donations from the NCRG’s donors, several major fundraisers in 2013 netted significant contributions for the organization.

**AGEM-AGA Golf Classic**

The 15th annual AGEM-AGA Golf Classic, co-sponsored by the Association of Gaming Equipment Manufacturers (AGEM) and the American Gaming Association (AGA), was held on April 30 at Cascata in Boulder City, Nev. This event raised $129,000 for the NCRG, thanks to the following sponsors.

The following companies generously supported the event:

AGEM
AGA
Ainsworth
Aristocrat Technologies, Inc.
Bally Technologies, Inc.
Caesars Entertainment Corporation
CEM Magazine
Global Gaming Expo (G2E)
Gaming Laboratories International
GPI
Hikam
International Game Technology (IGT)
KickTeam, Inc., Waffletechnology
Konami
Las Vegas Sands Corp.
MEI
Nanoptix
Patriot Gaming
Samsung
Southwest Print Source
Suzo-Happ
Steinbeck Communications

The presentation of the proceeds from the 2013 Golf Classic to the NCRG—(l-r) Geoff Freeman, president and CEO of the AGA; Judy Patterson, senior vice president and executive director of the AGA; Alan Feldman, NCRG chairman and executive vice president of global government and industry affairs of MGM Resorts International; Aki Isoi, president of JCM Global; and Tom Jingoli, president of Konami.
25th Annual Gaming Hall of Fame Charity Gala and Induction Ceremony

Industry leaders from across the globe gathered on November 14 to honor four individuals and their incredible contributions to the gaming industry at the 25th annual AGA Gaming Hall of Fame event at PURE Nightclub at Caesars Palace in Las Vegas. This event raised more than $184,000 for the NCRG.

Inductees included: Gary Loveman, CEO of Caesars Entertainment Corporation; Frank J. Fahrenkopf, Jr., former president and CEO of the AGA; Celine Dion, international pop sensation; and Guy Savoy, Michelin star award-winning restaurateur.

The following sponsors made the 25th annual Gaming Hall of Fame event possible:

**Major Underwriter**
Southern Wine and Spirits of Nevada

**Host Sponsor**
Caesars Entertainment Corporation

**Platinum Sponsors**
AEG Live
Boyd Gaming Corporation
First Republic Bank
Las Vegas Sands Corp.
MGM Resorts International
Pinnacle Entertainment, Inc.
Reed Exhibitions
Wynn Resorts, Limited
Zuan Xin Lucky Dragon Gaming Pte Ltd

**Silver Sponsors**
Bally Technologies, Inc.
Fierce, Isakowitz & Blalock
International Game Technology
SHFL entertainment, Inc.

**Bronze Sponsors**
Association of Gaming Equipment Manufacturers
Brownstein Farber Hyatt Schreck
Churchill Downs, Inc.
Elmendorf Ryan
EY
Holland & Hart
Isle of Capri Casinos, Inc.
JCM Global
PricewaterhouseCoopers, LLP

**Additional Programs**

Global Gaming Expo (G2E) donated $93,850 to the NCRG through its annual giving campaign. Those funds represented a portion of G2E registration fees and donations from exhibitors.
Board of Directors

The NCRG is governed by a board of directors that serves as the practical, hands-on management group for the organization. Comprised of public health officials, industry executives, regulators and community leaders, the NCRG board focuses mainly on education and outreach program creation and implementation.

OFFICERS

CHAIRMAN
Alan M. Feldman
Executive Vice President of Global Government and Industry Affairs
MGM Resorts International

PRESIDENT
Phil Satre
Chairman
International Game Technology

PRESIDENT-EMERITUS
William S. Boyd
Executive Chairman
Boyd Gaming Corporation

SECRETARY AND TREASURER
Judy Patterson*
Senior Vice President and Executive Director
American Gaming Association

Christine Reilly**
Senior Research Director
National Center for Responsible Gaming

* Served until October 2013
** Appointed in October 2013

BOARD OF DIRECTORS

Sue Cox
Founding Executive Director
Texas Council on Problem and Compulsive Gambling

Jonathan S. Halkyard
Chief Operating Officer
Extended Stay America

Mark Lipparelli
Founder
Gioco Ventures LLC

Kevin Mullally
Vice-President of Government Relations & General Counsel
Gaming Laboratories International, Inc.

Kathleen M. Scanlan
Former Executive Director
Massachusetts Council on Compulsive Gambling

Jennifer Shatley
Vice President, Responsible Gaming Policies and Compliance
Caesars Entertainment Corporation

Bruce A. Shear
Executive Vice Chairman
Acadia Healthcare

Mark Vander Linden
Director of Research and Problem Gambling
Massachusetts Gaming Commission

Andrew Zarnett
Managing Director
Deutsche Bank

* Served until October 2013
** Appointed in October 2013
Scientific Advisory Board

The NCRG Scientific Advisory Board is composed of leading scientists in addiction and related interests, and their role is to ensure that the NCRG maintains the highest integrity in administering the research program by following rigorous standards in awarding grant funding. The board’s main responsibilities are to monitor the progress of the NCRG Centers of Excellence, evaluate the project grants program and advise on education initiatives.

In 2013, the NCRG appointed Dr. Ken Winters as the chairman of the Scientific Advisory Board. Dr. Winters replaced Dr. Linda Cottler, who remains a member of the board.

CHAIRMAN

Ken C. Winters, Ph.D.
Professor of Psychiatry
Director, Center for Adolescent Substance Abuse Research
University of Minnesota

BOARD MEMBERS

Tammy Chung, Ph.D.
Associate Professor of Psychiatry and Epidemiology
University of Pittsburgh

Linda B. Cottler, Ph.D., M.P.H.
Chair and Dean’s Professor of Epidemiology
Department of Epidemiology
Associate Dean for Research and Planning
College of Public Health & Health Professions
College of Medicine
University of Florida

Mark S. Gold, M.D.
Donald Dizney Eminent Scholar, Distinguished Professor
Chair of Psychiatry
University of Florida College of Medicine

David C. Hodgins, Ph.D.
Professor, Department of Psychology
Institute Node Coordinator, Alberta Gaming Research Institute
University of Calgary

Miriam Jorgensen, M.P.P., Ph.D.
Research Director, Native Nations Institute
University of Arizona
Research Director, Harvard Project on American Indian Economic Development
Harvard University

Gloria Miele, Ph.D.
Instructor, Columbia University College of Physicians and Surgeons
Principal, Optimal Development Coaching

Wendy S. Slutske, Ph.D.
Professor, Department of Psychological Sciences
University of Missouri - Columbia
Peer Review Panel Members

To ensure the highest possible standards in the grants program, the NCRG recruits distinguished researchers in the addictions field to evaluate grant proposals. The following individuals served on peer-review panels in 2013.

Donald W. Black, M.D.
Professor of Psychiatry
University of Iowa

Brian Borsari, Ph.D.
Associate Professor, Department of Psychiatry and Human Behavior
Brown University

Joe Cubells, M.D., Ph.D.
Associate Professor of Human Genetics, Psychiatry and Behavioral Sciences
Emory University School of Medicine

Adam Goodie, Ph.D.
Professor of Psychology
Director, Center for Gambling Research
Director, Georgia Decision Lab
University of Georgia

Jon E. Grant, J.D., M.D., M.P.H.
Professor, Department of Psychiatry & Behavioral Neuroscience
The University of Chicago

Stephen Haynes, Ph.D.
Professor of Psychology
University of Hawaii

Rani Hoff, Ph.D., M.P.H.
Professor of Psychiatry
Yale University School of Medicine

Scott Huettel, Ph.D.
Jerry G. and Patricia Crawford Hubbard Professor, Department of Psychology and Neuroscience
Director, Center for Interdisciplinary Decision Sciences
Duke University

Kent Hutchison, Ph.D.
Professor, Department of Psychology and Neuroscience
University of Colorado at Boulder

Joseph Kable, Ph.D.
Assistant Professor of Psychology
University of Pennsylvania

Andrea King, Ph.D.
Professor, Department of Psychiatry & Behavioral Neuroscience
Director, Clinical Addictions Research Laboratory
The University of Chicago

Debi LaPlante, Ph.D.
Director of Research and Academic Affairs, Division on Addiction, Cambridge Health Alliance
Assistant Professor of Psychiatry
Harvard Medical School

Steven D. LaRowe, Ph.D.
Clinical Associate Professor, Department of Psychiatry and Behavioral Sciences
Medical University of South Carolina

Robert F. Leeman, Ph.D.
Assistant Professor, Department of Psychiatry
Yale University School of Medicine

Ming D. Li, Ph.D.
Professor of Psychiatry and Neurobehavioral Sciences
University of Virginia

Michael T. Lyskey, Ph.D.
Professor of Addictions, National Addictions Centre
King’s College London

Sherry McKee, Ph.D.
Associate Professor of Psychiatry
Director, Yale Behavioral Pharmacology Laboratory
Yale University

Samuel McClure, Ph.D.
Assistant Professor of Psychology, Decision Neuroscience Lab
Stanford University

Matthew Martens, Ph.D.
Professor and Division Executive Officer, Department of Educational, School, and Counseling Psychology
University of Missouri-Columbia

Gloria M. Miele, Ph.D.
Instructor
Columbia University

T. Celeste Napier, Ph.D.
Professor of Pharmacology
Rush Medical Center

Sarah Nelson, Ph.D.
Associate Director of Research, Division on Addiction, Cambridge Health Alliance
Assistant Professor of Psychiatry
Harvard Medical School

John P. O’Doherty, Ph.D.
Professor of Psychology
California Institute of Technology

Marc N. Potenza, M.D., Ph.D.
Professor of Psychiatry, Child Study and Neurobiology
Yale University School of Medicine

Ty Ridenour, Ph.D.
Research Associate, Prevention Center
Pennsylvania State University

Steven Schinke, Ph.D.
D’Elbert and Selma Keenan Professor of Social Work
Columbia University

Wendy Slutske, Ph.D.
Professor of Psychology
University of Missouri, Columbia

Brendan Walker, Ph.D.
Assistant Professor of Psychology
Washington State University

Kevin Wang, Ph.D.
Director, Center for Neuroproteomics and Biomarkers Research
Associate Director, Center for Traumatic Brain Injury Studies
University of Florida

Catharine Winstanley, Ph.D.
Michael Smith Early Career Scholar
University of British Columbia

Harold Wynne, Ph.D.
President
Wynne Resources, Ltd.

Ziming Xuan, Ph.D.
Professor of Community Health Sciences
Boston University

Jared Young, Ph.D.
Postdoctoral Fellow
University of California-San Diego

David Zald, Ph.D.
Professor of Psychology and Psychiatry
Vanderbilt University