

28^{DIVISION} PSYCHOPHARMACOLOGY AND SUBSTANCE ABUSE

PSYCHOPHARMACOLOGY & SUBSTANCE ABUSE NEWS

From the President's Desk

- Mark Greenwald, Ph.D.

Greetings everyone! We're midway through 2011 and I'm pleased to report lots of exciting progress in Division 28. It is a privilege and blessing to serve with such talented and dedicated Executive Committee members this year. They're doing fantastic things to keep our business humming along, and I will refer to many of them below. We owe them a great debt of thanks!

Convention Update

We're one month away from the APA convention in Washington D.C., and things are set for a really great meeting. Hats off and thumbs up to Larry Carter, who has done a really marvelous job as Program Chair. Please read his column in this newsletter about the latest convention-related news [Page 11]. If you have Division 28 program-related questions, please contact Larry (lcarter2@uams.edu).



2011; Volume 44, Issue 2

This Year's Objectives

Here's a status report on how we're meeting this year's objectives.

Objective 1: Enhancing Membership and Early Career Psychologist (ECP) Recruitment, Engagement and Retention

To offset the historical decline in divisional membership, we're focusing on three behaviors: joining, engagement, and retention. To promote these behaviors, we're coupling incentives with persuasive messages that Division 28 offers excellent opportunities to develop one's professional identity in psychopharmacology.

Recruitment. Our plan emphasizes (1) *free first-year membership to all incoming members* and (2) *reinforcing current members' recruiting behavior*. Everyone should be invested in the health of the division. In particular, I exhort members to please "get the word out" among your trainees and colleagues about free first-year membership. This information is posted through all our electronic communication channels (see Objective 2, below) but current members are more likely to view this content than non-members. Therefore, our current members remain best positioned to inform their associates who are potential new members. If you know individuals who seem like a good fit with Division 28, please tell them about this incentive and have them contact our Membership Officer Ryan Vandrey (rvandrey@jhmi.edu) or our ECP Representatives Kelly Dunn (kdunn9@jhmi.edu) and Sarah Tragesser (stragesser@tricity.wsu.edu). We had a successful mixer at the CPDD conference, at which 30 new membership applications were completed.

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IMPORTANT UPCOMING DEADLINES

Science Directorate Awards:

Early Graduate Student Researcher Award.

Deadline: September 15, 2011.

<http://www.apa.org/about/awards/scistucoun-earlyre.aspx>

American Psychological Foundation (APF) Awards:

2012 Gold Medal Awards for Life Achievements,

Deadline: December 1, 2011

<http://www.apa.org/apf/funding/gold-medal.aspx>

Charles L. Brewer Distinguished Teaching of Psychology Award

Deadline: December 1, 2011

<http://www.apa.org/apf/funding/brewer.aspx>

During the first quarter of 2011...we lost 8 total members... If the present trend continues, we may be witnessing a temporary slowing (or at least a leveling) of attrition. If that loss can be offset with gains in membership, then this would be a very positive trend.

My sincere thanks to all current members who helped bring our “newbies” into the fold, and a hearty welcome to all our new colleagues. We’re delighted to have you connected with us!

Also, we’re trying to recruit and engage ECPs and under-represented populations using a combination of methods. “Top-down” methods include highlighting relevant advocacy efforts (see social media links on our [division website](#)) and convention programming. We are also using “bottom-up” approaches. For instance, we are thankful for the diligent efforts of Yukiko Washio, Kelly Dunn and Sarah Tragesser, who designed and conducted a survey related to attitudes of members for addressing concerns of underrepresented populations. This information was forwarded to the APA President (Melba Vasquez), President-Elect (Suzanne Bennett Johnson) and other divisions. As a result, there is now increased cooperation at a broader level, consistent with our vision that these concerns are not unique to Division 28. We will continue to engage in personal outreach to these individuals. Please contact Yukiko (yukikowashio@uvm.edu) for more information. *[Editor’s note: see page 13 for Yukiko Washio’s discussion of these efforts.]*

Engagement. We’ve been increasing ECP engagement in at least two ways. First, at this year’s APA convention, a full session will be dedicated to ECP scientific presentations to highlight the work of our young scientists. I encourage you to attend that quite promising session. Second, our Executive Committee—many of whom are ECPs—carries out very important work that keeps our division thriving. Importantly, we’re eager to engage more ECPs to assist with specific tasks. So, if you’re interested in helping with recruitment—e.g., being a liaison to under-represented individuals, or providing creative ideas for engaging those individuals—please contact Kelly, Sarah, Ryan, or me.

Another engagement-related item: at the convention, please attend the Division 28 business meeting. We will be voting on revisions of the By-Laws and Standard Operating Procedures at that meeting (it has been several years since substantive revisions have been made). Those documents and the proposed changes will be circulated prior to the business meeting. All members have the right to vote, so please attend and exercise your right.

Retention. We’re justifiably proud of our members who, in several cases, have provided extended and highly valued service to the division. The dedication of these individuals serves as an encouraging reminder of stewardship and being good role models for our ECPs. We understand that the present economic climate is a barrier to retaining membership in APA and its division, and to attending the annual convention. One reason for reaching out to lapsed members with free first-year division dues (at the same time that APA is offering discounted member dues) is to hopefully attenuate that problem.

At my request, Ryan Vandrey obtained APA quarterly data on Division 28 attrition since 2009. As illustrated in the table below, overall attrition decreased markedly (> 50%) from 2009 to 2010. Member deaths accounted for 48% of attrition in 2009, but only 32% of attrition in 2010. Automatic resignation from APA (which occurs when the member has not paid organizational dues for two consecutive years) accounted for 21% of division attrition in 2009 but did not account for any attrition in 2010. Resignation from the division (but not APA) accounted for 24% of attrition in 2009 but increased to 68% (of the smaller overall number) in 2010. Voluntary resignation from APA (which also includes the division) was minimal. During the first quarter of 2011 (data not shown in the table), we lost 8 total members (6 to death and 2 to resignation). If the present trend continues, we may be witnessing a temporary slowing (or at least a leveling) of attrition. If that loss can be offset with gains in membership, then this would be a very positive trend. *[This data is presented in table form on the following page.]*

Absolute numbers of Division 28 membership attrition during 2009 and 2010.

Year	Division resignation	Automatic resignation	Voluntary resignation	Death	Total attrition
2009	16	14	4	32	66
2010	19	0	0	9	28

Objective 2: Improving Communication

We've been working hard to improve information resources for the division. Our electronic communication and social media outlets are intended to foster a more interactive community of scientists, and to make our scientific contributions and accomplishments visible to our members, prospective members, and the public at large. Thanks to Dana Wakefield (Assistant Director of APA Web Services), our divisional experts Ron Wood and Vic Laties, and plenty of useful feedback from the Executive Committee, we have successfully upgraded our [Division 28 website](#) to an information-rich, navigable, and useful platform.

Please visit the web site often, and submit your ideas on the quality, quantity and ease of access to the content. You will see on the right-hand side of the home page that we have multiple streams on [Facebook](#), [Twitter](#), [Linked-In](#), and [Ning](#). These features should help attract and engage our members. One virtue of these various social media outlets is that they are very democratic—any member can post professionally appropriate messages on our [email listserv](#) or any social media channel. We encourage our members to use the outlet(s) they find most suitable; however, for convenience, these messages are automatically cross-posted on the different channels. If you have questions or suggestions about our electronic communication tools, please contact Ron Wood (ronaldwood@gmail.com) or myself (mgreen@med.wayne.edu).

Objective 3: Advocacy for Psychopharmacology and Substance Abuse Science

Unfortunately, we are in the midst of reduced science budgets at NIH and NSF (and there has been political turmoil in the NSF Social, Behavioral and Economic Directorate). Details on the Congressional Justifications for FY 2012 proposed budgets are available for [NIDA](#) and [NIAAA](#). So far, NIDA has experienced a 1% reduction in its budget (which, including a 3% cost of living adjustment, amounts to an effective 4% reduction). Depending upon the outcome of current congressional debate related to the federal debt ceiling, further cuts in the yet-to-be-determined FY 2012 budget could be forthcoming (perhaps to FY 2008 levels). It was recently brought to my attention that a 3% decrease in the NIDA budget would be expected to lead to a 25-30% decrease in ability to fund new and competing renewal grants, due to NIDA's continuing obligations (i.e. funding for non-competing renewals). It has also been brought to my attention that competing renewal applications are being administratively evaluated with greater scrutiny than in the past, given that such applications (despite peer-reviewed judgments of innovative scientific content) may be burdened by their history as not offering sufficiently fresh ideas.

In these challenging times, it is becoming increasingly clear that the traditional "pay line" (corresponding to a priority score cut-point) is in serious jeopardy or may, in fact, already be a relic. In FY 2011, NIDA grant success rates were only 15% (compared to FY 2003 success rate of 35%); however, this does not mean that applications are being funded in order of their percentile scores. Several investigators with whom I've spoken have recently found themselves in the position of having applications with single-digit percentile scores that have not (yet) been funded.

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We need to present a unified front, and persist in our advocacy efforts to maintain funding levels, as well as transparency and principled approach to funding.

What's going on here? Very tight federal budgets translate into more discretion at the institute level, which includes balancing not just priority scores but also the institute's overall portfolio, budget amounts associated with different applications (some of which can be large, like longitudinal studies and clinical trials), and money designated to requests for applications (RFAs). This new calculus means that extramural investigators have a less predictable chance of funding even when they have written a well-scored application. Furthermore, budgets of funded investigators are being subjected to substantial (e.g. $\geq 20\%$) across-the-board cuts. There is a real risk that a lack of diligent and clear communications by institutes to extramural investigators could lead to significantly less trust in the process (including scientists serving on review committees who feel their efforts are being overridden) and demoralization (for senior and junior investigators).

What can we do? First, we need to be acutely aware of these developments. We must talk with and support one another—we are a community. I hope we can have honest and open discussions of these issues at the convention. Second, there is persuasive evidence on our side: substance abuse costs US taxpayers \$600 billion yearly, 9% of the US population has a substance abuse problem, and each \$1 invested in treatment yields 4-7 fold cost savings for society. However, as former Massachusetts congressman Patrick Kennedy made clear in his solemn and inspiring address at the College on Problems of Drug Dependence, we must move beyond facts and work to change the hearts and souls of our representatives. In a very tangible sense, *substance abuse is a national security issue*. In addition to security problems related to drug trafficking (supply-side threats), the economic, social and health fabric of our country is eroded by substance abuse (demand-side threats). Yet, we have effective (and, as just noted, cost-effective) treatments that can also reduce the enormous and growing criminal justice burden of substance abuse. Patrick Kennedy emphasized starting to address legislators by shining the spotlight on substance abuse problems among our veterans (which is the most obvious and convincing symbol of a national security threat), but let me suggest that we already need to be thinking ahead more broadly in these terms. Finally, our voices need to be heard loud and clear: we need to present a unified front, and persist in our advocacy efforts to maintain funding levels, as well as transparency and principled approach to funding.

The timeline for the new National Institute of Substance Use and Addiction Disorders (final name to be determined) has experienced a delay. Although the original deadline for presenting the task force's detailed reorganization plan was to be this summer, that deadline has been pushed back. Furthermore, the revised expected date of implementation for the new Institute/Center has now been delayed until October 2013 (FY 2014). Work is now beginning to analyze the scientific portfolios of NIDA and NIAAA and, with comments from stakeholders, to develop a consensus plan for a unified portfolio. APA continues to work closely with other substance abuse-related science organizations (including plenty of psychopharmacologists) to promote consensus on principles and specific methods for an effective reorganization. To keep abreast of the latest developments on this issue, see the [NIH Feedback site](#).

Importantly, this October the APA Science Leadership Conference (SciLC) theme will be "Call to Advocacy: Psychological Science and Substance Abuse". Several members of the Division 28 leadership will be among the 100 scientists attending this conference, which will have formal presentations, panel discussions, and breakout groups. There will be advocacy goal development, training, and appointments with congressional staff members. Steven Breckler, APA Executive Director for Science, explains:

"The goal [of this meeting] is to advocate for increased federal funding for basic and translational psychological research and training in substance use and related behaviors. It is only through sustained federal funding that we can continue to support the development and evaluation of empirically-based interventions for substance abuse ... Research related to volitional behaviors has always been particularly vulnerable,

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even though understanding those behaviors and others related to lifestyle are critical to advancing US public health, public safety, and economic productivity ... Although the Administration budget request for 2012 provided a solid endorsement for scientific research, there will be enormous pressure on Congress to roll funding back to 2008 levels or below.”

The Future

As noted elsewhere in this newsletter [Page 14], we can now report the election results for our latest round of Division 28 officers. Congratulations to Tony Liguori (President for 2013), John Grabowski (APA Council Representation for 2012-2014), and Matt Johnson (Member at Large for 2012-2014). I'm also grateful that Steve Heishman has generously agreed to renew yet another 3-year term as our Fellows officer (2012-2014). If you have nominations for Fellow, please contact Steve directly (sheish@intra.nida.nih.gov).

Division 28 remains strong due to the creativity and energy of its members, and their contributions to scientific leadership. Once again, I encourage you to remain aware of, and to engage in, division activities throughout the year using our electronic resources, and to enjoy the convention. I look forward to assisting our work on your behalf, but we also need you to advocate for our research. Please let me know how you think Division 28 can best serve your needs and those of our members generally. Thanks!

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AMERSA CONFERENCE

The Association for Medical Education and Research in Substance Abuse (AMERSA) is pleased to announce its 35th Annual AMERSA National Conference to be held on November 3-5, 2011, at the Sheraton Crystal City Hotel in Arlington, VA. The meeting will reflect on AMERSA's interdisciplinary strengths and the commitment to disseminate the latest developments in substance abuse education, prevention, treatment and research that challenge all health care professionals. We have planned an exciting program featuring research abstracts, skill-focused workshops, and plenary speakers addressing issues of national and international importance. Both CME and CEU credits will be offered. AMERSA is pleased, once again, to offer full or partial awards for up to 15 health care professionals (new attendees only) to attend the 2011 AMERSA National Conference. For more information, visit www.amersa.org or contact Doreen@amersa.org.

Confirmed plenary sessions include:

- James G. Murphy, PhD: Behavioral Economics: Implications for the Conceptualization and Treatment of Addiction
- J. Wesley Boyd, MD, PhD, Marianne Pugatch, MSW, LICSW, Ximena Sanchez-Samper, MD, Miriam Schizer, MD, MPH, and Patricia Schram, MD will participate in a Plenary Panel discussion : I Want a New Drug! Novelties in Adolescence Substance Abuse
- Richard L. Brown, MD, MPH and A. Seiji Hayashi, MD, MPH: The Role of the Medical Home in the Treatment of Addictions
- A Spicy Debate on the topic - Should we Provide Smokers with Financial Incentives to Quit?
- Sharon Walsh, PhD will receive the prestigious Betty Ford Award honoring her valuable contributions to the substance abuse field

DIVISION 28 AWARD WINNERS

- Chana Akins, Ph.D.; Divisional Awards Chair

Division 28 Award Winners

Division 28 is pleased to announce this year's distinguished group of award winners. As usual, this year's nominations resulted in a very close race in all categories due to the stellar group of candidates. As such, all nominees should be congratulated. Division 28 traditionally presents three separate awards to honor individuals who have displayed excellence and achievement at different stages of their academic and scientific careers.

The first award, the **Outstanding Dissertation Award**, is based on a completed dissertation in psychopharmacology or substance abuse. This award (sponsored by Friends Research Institute) honors the best doctoral dissertation in psychopharmacology and substance abuse of the past year. The winner of this award receives a \$250 cash prize, an engraved plaque and travel support to attend and present an address at the annual APA convention. This year, we had two winners, Cassandra Gipson and Kevin Murnane. Cassandra's dissertation was entitled, "A translational model of mood-based impulsivity related to drug abuse." The focus of her dissertation is on a facet of impulsivity termed "negative urgency," an important clinical topic for understanding the control of health-related behaviors related to ADHD and addiction. Kevin's dissertation was entitled, "Neuropharmacology of 3,4-methylenedioxy-methamphetamine (MDMA, "ecstasy") and its stereoisomers." For his studies, he used behavioral approaches including drug discrimination and sleep analysis to further elucidate the complex psychopharmacology of MDMA and its stereoisomers. The studies represent a significant and detailed expansion of our understanding of the psychopharmacology of MDMA.

The second award, the **Wyeth Young Psychopharmacologist Award**, encourages excellence in research at the interface between the disciplines of pharmacology and psychology, by honoring a young scientist who is conducting meritorious work in psychopharmacology. The winner of this award receives a cash prize of \$500, an engraved plaque and travel support to attend and present an address at the annual convention. This year's recipient is Matthew Johnson, Ph.D. Dr. Johnson's research is focused on behavioral economics/impulsivity, the human effects of atypical drugs of abuse, and assessing the pharmacological profile of sedative-hypnotics. He has an excellent publication record with 21 peer-publications, 10 of which are first author publications. He is currently PI of two NIDA grants. Dr. Johnson's address at this year's convention is entitled "From microeconomics to mystical experience: Expanding the frame of human psychopharmacology."

Finally, the **MED Associates - Brady-Schuster Award**, is designed to honor a senior scientist who has conducted outstanding research underscoring the fundamental importance of behavioral science to psychopharmacology or substance abuse. The winner of the award receives a cash award of \$500, and engraved plaque and travel support to attend and present an address at the annual convention. This year, Division 28 proudly honors Stephen Higgins, Ph.D. Dr. Higgins has transformed the field of drug abuse application, research, and theory with his findings. He developed a therapy referred to as "community reinforcement approach with incentive motivation" in which treatment involved reinforcing abstinence and developing alternative sources of pro-social reinforcement. This incentive treatment became the centerpiece of a large multi-site clinical trial conducted through the Clinical Trials Network of NIDA. The work revolutionized the field of drug abuse research. Dr. Higgins' address to be delivered at this year's meeting is entitled "Applying the behavioral sciences to reducing cigarette smoking among pregnant women."

Division 28 is proud to honor this year's winners who truly exemplify dedication and excellence in psychopharmacology and science. We strongly encourage all members to attend the awardees' addresses during this year's conference in Washington, DC.

TRIBUTE TO CHARLES SCHUSTER, PH.D.

- William Woolverton, Ph.D.

Bob Schuster: My Mentor and Friend

I'm very pleased to have the opportunity to reflect on Bob Schuster's mentorship during my graduate years at the University of Chicago. In truth, there is so much that I cannot hope to give a complete story, but here are a couple of highlights.

I first became aware of Bob in the fall of 1971. I was taking Physiological Psychology and one of our books was Behavioral Pharmacology by Thompson and Schuster. My professor, Ron Trost, convinced me to consider a career in this field and to write to the authors about graduate school. I was intrigued and, with no better plan for life, I gave it a shot. Within a couple of weeks I received a reply from Bob. To me, this was unbelievable, a reply from a god. The next 35 years flowed from that letter. Bob was very supportive of my plan, and invited me to visit. I realized in retrospect that this was my first bit of mentoring from Bob: be open to the flow of life and say "yes" more than "no" to whatever comes your way. It's all an experiment.

Bob invited me to visit in March of 1973 and showed me the lab. He had me sit in on a lab meeting about methamphetamine, a really heady experience. I met Chris-Ellyn [Johanson] and Marian [Fischman], both recent Ph.D.s, and received my second mentoring lesson: if you have to work in a laboratory, surround yourself with brilliant, capable women. I have tried to take this lesson to heart.

Later, Bob called and said I was accepted "with alacrity". I thanked him, looked up alacrity, and moved to Chicago in June of 1973. From Birmingham, Alabama, I might as well have been going to Mars. I was assigned to work with Marian on a project involving biofeedback in cats. This project ended after the summer I spent on it. The third mentoring lesson: assign the beginning graduate student to a project on which he or she can do no harm.

Shortly after this, I began my collaboration with Bob. Here I usually describe the time Bob and I tried to fit a closet door to the new carpeting in his new apartment by sawing the top off the door. That impressed him. The fourth mentoring lesson: be both patient with and a friend to your students. I have learned over the years that Bob was one of the few mentors who successfully achieved this.

In the meantime, Chris-Ellyn took over my nitty gritty training in the lab. Among other projects, she was working on unlimited access self-administration of stimulants, the first monkey project to which I was assigned. The fifth mentoring lesson: don't be afraid to shove your student into the deep end of the pool. The hard way teaches well.

A second project, and the one that has been my continuing intellectual challenge and pleasure, was drug choice. At this point, I have to say that it was the enthusiasm of this mentor named Bob and Chris, or Chris and Bob, that grabbed me. And the simple question that Chris posed to me about her choice research, "Does this mean there is free will", has bedeviled me ever since. The sixth mentoring lesson, and maybe the most significant: your own enthusiasm as a mentor can infect a student for a lifetime. This was Bob's Jedi force. I have never met anyone with such a pure, childlike enthusiasm for his work, if we can call it work.

For me, the source of this joy for Bob was creativity. And, being a good behaviorist, he set up the environment to encourage creativity. Meetings were a big part of his creative process and he always smiled. He never made you feel like you had said something ridiculous and, as a result, ideas bubbled at these meetings. There was a Darwinian/Skinnerian model at work

...be both patient with and a friend to your students. I have learned over the years that Bob was one of the few mentors who successfully achieved this.

Bob made it clear to me that this creativity is what distinguishes our life as scientists and is what gives us the enthusiasm to get up every morning for years to go to work in a laboratory.

here: set up the environment to generate ideas and let the fittest survive. Bob made it clear to me that this creativity is what distinguishes our life as scientists and is what gives us the enthusiasm to get up every morning for years to go to work in a laboratory. The joy is in creativity and the process ain't as magic as many think.

There were many "Schusterisms" (parallel to the Bradyisms that we know and love). I will mention two relevant ones that were formative for me as a scientist. To paraphrase:

- "Ideas are a dime a dozen. Give me someone that can get it done." This is a source of productivity.
- "Ideas belong to no one. They are a product of a field at a certain time." This one assumption reduces or eliminates the creative vanity that often impairs progress.

One should, of course, consider the source of these statements: a person who overflowed with ideas.

In the beginning, Bob promised that if I stuck with him he would "show me where it's at". I suppose that could mean anything. At this point in my life, I understand it to mean the pleasures of spending many years getting up every morning and doing something that I and my colleagues dreamed up and are excited to do.

Editor's note: Dr. Schuster made a marked impact on the field of psychopharmacology and substance abuse research. In addition to his many scientific contributions, Dr. Schuster also served as the director of the National Institute on Drug Abuse (NIDA) from 1986-1992, during the crack cocaine epidemic and the emergence of HIV and realization that HIV is spread through injection drug use. At NIDA he worked to shape many of the policies that remain in effect today. Dr. Schuster recently memorialized his time at NIDA in a publication printed in *Drug and Alcohol Dependence*:

Schuster, C.R. (2010). The highs and lows of my years at NIDA (1986-1992). *Drug and Alcohol Dependence*, Vol. 107, pp 92-95.

In addition to being involved at the governance level, Dr. Schuster also conducted rigorous and highly influential research that was published in several prestigious journals. Below is a list of some of his most highly cited journal articles, which clearly demonstrate the breadth and duration of his influence on the field. A link to a full Pubmed listing of his citations is also provided. We are greatly indebted to his numerous contributions.

Schuster, C.R. & Thompson, T. (1969). Self administration of and behavioral dependence on drugs. *Annual Review of Pharmacology*, Vol. 9, pp 483-205

Fishman, M.W. & Schuster, C.R. (1982). Cocaine self-administration in humans. *Federation Proceedings*, Vol. 41, pp 241-246.

Woods, J.H. & Schuster, C.R. (1968). Reinforcement properties of morphine, cocaine and SPA as a function of unit dose. *International Journal of the Addictions*, Vol. 3, pp 231-237.

Balster, R.L., & Schuster, C.R. (1973). Fixed-interval schedule of cocaine reinforcement- effect of dose and infusion duration. *Journal of the Experimental Analysis of Behavior*, Vol. 20, pp 119-129.

PUBMED LINK TO FULL LIST OF ARTICLES:

<http://www.ncbi.nlm.nih.gov/pubmed?term=schuster%20cr>

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STUDENT COLUMN

By Diomaris Jurecska, M.A. and Mary Peterson, Ph.D.

Editor's Note: This column was co-written by our student representative Diomaris Jurecska and her mentor, Mary Peterson, PhD (Professor and Chair Department of Clinical Psychology at George Fox University). We thank Dr. Peterson for her added contribution.

Mentoring: From the Mentor's Perspective

You're correct if you've realized that finding a mentor can facilitate your professional and personal growth during graduate school. Research on the benefits of having a mentor show that a student who has a mentor "is likely to become a more satisfied, successful, and confident professional psychologist." (Johnson 2007, p. 261).

But, before you begin your search for the perfect mentor, it is important to clarify the expectations you have for your mentor as well as consider the expectations your mentor may have for you.

WHAT SHOULD YOU EXPECT FROM A MENTOR?

Both support and challenge: A mentor is an experienced faculty member or supervisor who will provide you with knowledge and advice. However, you can also expect your mentor to challenge your personal and professional growth (Johnson, 2006). In my mentoring relationship with Dio, I have provided support for her to begin a research agenda, recommendations for practicum training and advice about course electives. In addition to this support, I have challenged her to stretch beyond her comfort zone and have provided constructive as well as encouraging feedback.

A developmental progression: By definition, mentoring relationships are dynamic and change over time. In the beginning, the mentor is likely to provide you with structure, advice and knowledge. Over time, the relationship will change and become more reciprocal and mutual. In the beginning of our relationship, I invited Dio to join me in existing research projects. However, in the last year, she has invited me to join in research projects that she has initiated.

WHAT SHOULD A MENTOR EXPECT FROM YOU?

Self-awareness: Mentors want students who are willing to engage in reflective self-evaluation. An ability to engage in meta-awareness is an essential skill for a psychologist-in-training. Your mentor can only take you as far as *you* are willing to go; are you willing to step back and evaluate why you have excelled in some training environments and not in others? Or, explore information about how peers, supervisors and faculty perceive your strengths *and* growing edges?

A willingness to cultivate multiple resources: Your mentor doesn't want to create a dependent relationship. Rather, your mentor will want you to develop a network of mentors who can meet your different needs. Dio and I have had honest discussion about the areas where I can contribute to her development and those areas where she will need to find additional mentors. For example, I can provide support in clinical training and guidance in balancing her personal and professional identity; but she has found other mentors to facilitate her skills in neuropsychological assessment.

A good mentor can make a significant difference in the quality of your graduate training. And an honest discussion about mutual expectations will provide a strong foundation for a relationship that will grow and change over the course of your training.

References: Johnson, W. B. (2006). On being a mentor: A guide for higher education faculty. Nahwah, NJ: Erlbaum; Johnson, W. B. (2007). Transformational supervision: When supervisors mentor. Professional Psychology: Research and Practice, 38, 259-267.

Your mentor can only take you as far as you are willing to go; are you willing to step back and evaluate why you have excelled in some training environments and not in others?

2011 CONVENTION UPDATE

- Lawrence P. Carter, Ph.D.; 2011 Convention Program Chair

We are nearly a month away from the 2011 American Psychological Association Annual Convention, taking place in Washington D.C., August 4-7. Time to get those plane tickets and other travel plans squared away! Thanks to the scholarship and productivity of Division 28 members and those attracted to our division, we have an outstanding program covering a truly broad range of topics within psychopharmacology and substance abuse. You can find the complete convention program at the Division 28 website <http://www.apadivisions.org/division-28/publications/newsletters/2011/03/conference-schedule.aspx>.

Our program kicks off bright and early Thursday morning as we celebrate the accomplishments of Division 28's four award winners: Cassandra Gipson (Outstanding Dissertation Award), Kevin Murnane (Outstanding Dissertation Award), Matt Johnson (Young Investigator Award), and Steve Higgins (MED Associates Brady/Schuster Award). On Thursday we are also sponsoring special sessions to celebrate our New Fellows and Early Career Psychologists. There is a Division 50 poster session scheduled on Thursday in addition to a Presidential Address from our Division 28 President Mark Greenwald. The events the day will conclude with the Division 28 Business Meeting and a special session in memory of Bob Schuster.

Friday morning gets off to a stimulating start with a symposium on ADHD in College Students, chaired by Lisa Weyandt, and followed by a symposium on Emerging Drugs of Abuse co-chaired by Matt Johnson and Roland Griffiths. Be sure not to miss the NIDA and NIAAA Practitioner's Town Hall and Early Career Poster Session Friday afternoon and evening where you will have a chance to interact with NIDA and NIAAA Division Directors, Branch Chiefs, and Research Program Staff

Saturday should offer something for everyone as Donelle Howell will chair a symposium on Refining Contingency Management Interventions and Cora Lee Wetherington and Samia Noursi will co-chair a truly translational symposium entitled "Prenatal Cocaine Exposure in Animals and Humans - Sex Differences in Effects on Behavior and Brain in Offspring Across the Life Span". The Division 28 Poster Session and the APA Plenary Sessions will follow these sessions.

Sunday morning we conclude the conference with two symposia on important and often neglected topics - Treating Mental Health and Substance Use Disorders in Rural America, chaired by John Roll, and Missing Data in Substance Abuse Clinical Trials - Comparative Approaches and Implications, co-chaired by Paul Wakim and Gregory Brigham.

In addition to these highlights, Division 28 members should keep an eye out for a brochure they will receive showcasing the many programming items either coordinated by NIDA/NIAAA staff or of key interest to these institutes. This brochure will contain some of the many sessions that the division is sponsoring, co-sponsoring, and co-listing.

Finally, I am pleased to announce that Division 28 will also be hosting a hospitality suite at the Grand Hyatt (room number TBA at the meeting) on the evenings of the 5th and 6th. This is a great opportunity for networking with our division leadership and early career psychologists.

Please feel free to contact me at carter.lawrence@gmail.com if you have any questions. See you in Washington D.C.!

...we have an outstanding program covering a truly broad range of topics within psychopharmacology and substance abuse

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PSYCHOPHARMACOLOGY
AND SUBSTANCE ABUSE

The full APA Convention Program is now available online at <http://forms.apa.org/convention/index.cfm?sortby=title&convention=Keyword>

ADVOCACY UPDATE

- Kelly Dunn, Ph.D.

The location of this year's annual APA convention provides a unique opportunity for APA members to learn more about the advocacy efforts put forth by the organization. The APA Education and Public Interest Government Relations Office has organized a PsycAdvocates™ Training Day, to be held on August 4. According to their brochure, participants will complete a day-long training that *“will include an overview of the federal legislative process, strategies for effectively informing and influencing policymakers, and a briefing on current legislative issues on APA’s advocacy agenda. The day will culminate with early afternoon visits to Capitol Hill to meet with Members of Congress or their staff to advocate on pressing issues facing the psychology community.”*

Advocacy events like this are considered especially important in this era of reduced grant funding. As outlined in the Science Policy Insider News (SPIN) monthly newsletter, the APA Science Government Relations Office (GRO) has been working hard to protect funding for scientific research. On May 26th, Senator Tom Coburn (R-OK) released a report that outlined research funded by the National Science Foundation he believed to be “trivial,” and called for an elimination of NSF’s Directorate for Social, Behavioral and Economic Services (SBE). A full copy of this report is provided here:

http://coburn.senate.gov/public/index.cfm?a=Files.Serve&File_id=f6cd2052-b088-44c3-b146-5baa5c01552a

On June 2, the House committee on Science, Space, and Technology’s Subcommittee on Research and Science Education held an oversight hearing on the NSF’s SBE portfolio, which was characterized by Subcommittee Chairman Mo Brooks (R-AL) to be a “soft science” that was distinguishable from physical and life sciences. The chairman acknowledged the value in the social, behavioral and economic sciences, but stated “...the goal of our hearing is to look at the need for federal investments in these disciplines, how we determine what those needs are in the context of national priorities, and how we prioritize funding for those needs, not only within the social science disciplines, but also within all science disciplines, particularly when federal research dollars are scarce.” Four witnesses that were invited to testify at this hearing presented conflicting views on the value of the SBE portfolio. This issue has not yet been resolved, however the Science GRO is working hard to protect funding. A full report of the hearing is available here: <http://news.sciencemag.org/scienceinsider/2011/06/social-sciences-face-uphill-battle.html>. A more thorough description of these events is available in the SPIN newsletter: <http://www.apa.org/about/gr/science/spin/index.aspx>

In light of changes in Congressional members and recent attention on budget cuts, the APA Science GRO has begun blogging about the federal budget. This blog is a great resource for scientists to stay informed about how ongoing budget deliberations might affect scientific funding and can be accessed via <http://www.apa.org/about/gr/science/news/budget.aspx>.

Although APA and the Science GRO work hard to protect scientific funding, it is imperative that we, as scientists, contribute to this cause by advocating for scientific funding as well. One way to do this is by signing up for the Public Policy Advocacy Network. This will enable you to receive alerts and instructions for ways to lobby your local congressmen and women to protect scientific funding. <http://capwiz.com/apapolicy/mlm/signup/>

To stay informed of the actions of the Science GRO, visit their website at <http://www.apa.org/about/gr/science/index.aspx>. To learn more about the history of the Science GRO advocacy efforts, please review their advocacy archive at <http://www.apa.org/about/gr/science/advocacy/index.aspx>

For monthly updates on the Science Government Relations Office, subscribe to the Science Policy Insider News (SPIN) newsletter: <http://www.apa.org/about/gr/science/spin/index.aspx>

UPDATE OF ACTIVITIES FOR PRESIDENTIAL OBJECTIVE

-Yukiko Washio, Ph.D.

Results of Minority and Foreign-born Survey

Survey responders found cultural... barriers to be the most problematic/restrictive to their professional development.

The notion of enhancing the diversity of APA constituents has been promoted consistently since the 2005 presidential task force started by past APA president, Dr. Ronald F. Levant. The current APA president, Dr. Melba Vasquez, has continued this agenda by defining one of her presidential initiatives as "Preventing Discrimination and Promoting Diversity."

This topic is particularly relevant for Division 28. Under the commission of Mark Greenwald, the current president of APA Division 28 (Psychopharmacology and Substance Abuse), Division 28 has recently formed a focus group of minority and foreign-born researchers who will work together to develop recommendations for ways the Division can encourage, support and provide assistance to minority and foreign-born researchers. In 2007 (most recent data available), approximately 5.5% of Division 28 members were from minority subgroups or were foreign-born.

The group first developed an online anonymous survey to help identify the best direction to proceed with the focus group. The survey targeted not only minority and foreign-born researchers, but also those who have worked with minority and foreign-born as mentors, and asked questions pertaining to potential cultural, language and immigration barriers. The survey was open for 1 month and was advertised on Division 28 listservs. Provided below are the results of the responses to the survey questions:

Preliminary data suggest

- 1) Survey responders found cultural (as opposed to language or immigration) barriers to be the most problematic/restrictive to their professional development.
- 2) The majority of support provided to minority/foreign born researchers addresses language and immigration problems, and generally comes in the form of website forums. Not much beyond informal support from families, peers, and mentors is generally provided to address cultural differences.
- 3) Responders believed that more formally addressing cultural barriers for minority support, especially with respect to establishing a mentoring program, writing relevant newsletter articles, and hosting APA conference social hours, would be the most beneficial way that Division 28 could contribute to the professional development of minority/foreign-born researchers.

Based on the results of this survey, the Division 28 support group began a series of correspondence with other APA staff and professionals outside of the Division 28, including the current APA president, Dr. Melba J. T. Vasquez, Sarah K. Jordan (Director of APA Division Services Office) Keith Cooke (Manager of APA Division Services Office), and Dr. Julie M. Levitt (current president of APA Division 48; Peace Psychology). Based on these communications, Division 28 is hopeful to be able to link its minority and foreign-born members with supportive resources that already exist within the APA community. Sarah Jordan and Julie Levitt have been especially helpful in providing materials from the past cross-divisional survey analyses and newsletter articles, as well as introducing the task force to other divisional officers who have been active in enhancing and supporting diversity for professional and service activities in the field of psychology. In the next edition of the newsletter we will provide a summary of these available resources, as well as our beginning efforts to organize a minority and foreign-born mentoring group.

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DIVISION 28 ELECTION RESULTS

The results are in! Please join Division 28 in congratulating our newly elected officials.

PRESIDENT ELECT:
ANTHONY LIGUORI, PH.D.
WAKE FOREST UNIVERSITY
(2013)



MEMBER-AT-LARGE:
MATTHEW JOHNSON, PH.D.
JOHNS HOPKINS UNIVERSITY
(2012-2014)



DIVISION REPRESENTATIVE TO APA
COUNCIL:
JOHN GRABOWSKI, PH.D.
UNIVERSITY OF MINNESOTA
(2012-2014)



EARLY CAREER PSYCHOLOGIST COLUMN

- Sarah Tragesser, Ph.D. and Kelly Dunn, Ph.D.

Advice for How to Become a Truly Independent Investigator

Most young investigators ultimately aspire to become an independent investigator with their own program of research and recognition in the field. We typically define *independence* as becoming the Principal Investigator on an R01 grant. An alternative definition of independence reads, "One who enjoys independence of thought—the freedom to define the problem of interest or to choose or develop the best strategies to address the problem." Although this definition of independence is not often observed in academic settings, it is more consistent with positions in government labs or private industry. Irene S. Levine (2007) provides some helpful tips on accomplishing independence in the article, "Making the Leap to Independence." [Levine, I. S. (2007). Making the Leap to Independence. In *Science Careers, Science Magazine*, 03-02-2007.]

Most young investigators ultimately aspire to become an independent investigator with their own program of research and recognition in the field.

Logistics

- **Securing a Position** The first step in this process is to secure a position where you will have adequate lab space, start-up funds, and time and freedom.
- **Funding:** Grant funding is a critical component to independence. Ultimately, the goal is to secure large grants (e.g., R01 from NIH), but there are now other mechanisms that can provide a stepping-stone between being mentored and being an independent investigator:
 - K99/R00 Pathway to Independence* awards are specifically for the purpose of helping post-docs become independent investigators. These also make applicants competitive in the job market by providing funding for their first years on the job.
 - New Innovator Awards* provide funding for new investigators who propose innovative approaches that have the potential for making a high impact on the field.
- **Skills:** Obtaining funding in the first place requires grant-writing skills and lab management skills. If these skills are not obtained during training, several conference workshops and training programs exist to help you develop these skills.

Personality Traits: Experienced lab managers report that personality traits are a key component to becoming an independent investigator, and may even be the distinguishing feature between individuals of equivalent skills, talent and/or training who do and do not become independent. The following are categories of personality traits that have been associated with becoming a successful independent researcher and some behaviors related to each category.

Persistence: May be fostered through participation in grant-writing and revision as a graduate student. Examples: Have a good balance of both short and long-term goals; remain calm despite adversity; work to tackle problems one-step at a time.

Confidence or "Fearlessness": Confidence may be fostered through mentors who engage students in meaningful discussions, and treating students like peers. Examples: Believe that goals will happen and work to achieve them; not be easily intimidated; not be overly worried; be open to innovation.

Flexibility: Flexibility may be fostered by working in dynamic environments. Examples: Handle ambiguity and uncertainty appropriately; be willing to learn new roles or skills, even those beyond your comfort zone; apply old knowledge to new areas; become involved with a variety of projects; be flexible enough to adapt to what is fundable but also what is interesting to you.

Working Smart: Working smart means using your time efficiently. Examples: Getting more done in less time [*Editor's note: See Scientist Spotlight series for suggestions on how this might be achieved*]; identify and employ strategies that make the most of your time (e.g., spending enough time in the library to know in advance what will be innovative in your field, where you can build a niche).

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EXPERIMENTAL AND CLINICAL PSYCHOPHARMACOLOGY**TABLE OF CONTENTS: 2011, VOLUME 19 (2)****Psychopharmacological effects of oxycodone in volunteers with and without generalized anxiety disorder.**

Zacny, James P.; Gutierrez, Sandra; Kirulus, Karin; McCracken, Stanley G. Pages 85-94

Cocaethylene formation following ethanol and cocaine administration by different routes.

Herbst, Ellen D.; Harris, Debra S.; Everhart, E. Thomas; Mendelson, John; Jacob, Peyton; Jones, Reese T. Pages 95-104

The influence of nicotine dose and nicotine dose expectancy on the cognitive and subjective effects of cigarette smoking.

Juliano, Laura M.; Fucito, Lisa M.; Harrell, Paul T. Pages 105-115

Concurrent alcohol dependence among methadone-maintained cocaine abusers is associated with greater abstinence.

Byrne, Shannon A.; Petry, Nancy M. Pages 116-122

Examining the use of tramadol hydrochloride as an antidepressant.

Barber, Justin Pages 123-130

Computer-controlled drug doses for IV drug self-administration.

Fivel, Peter A. Pages 131-133

Adverse consequences of acute inhalant intoxication.

Garland, Eric L.; Howard, Matthew O. Pages 134-144

Effect of methylphenidate on motivation in children with attention-deficit/hyperactivity disorder.

Chelonis, John J.; Johnson, Teresa A.; Ferguson, Sherry A.; Berry, Kimberly J.; Kubacak, Brian; Edwards, Mark C.; Paule, Merle G. Pages 145-153

Tolerance to chronic delta-9-tetrahydrocannabinol (Δ^9 -THC) in rhesus macaques infected with simian immunodeficiency virus.

Winsauer, Peter J.; Molina, Patricia E.; Amedee, Angela M.; Filipeanu, Catalin M.; McGoey, Robin R.; Troxclair, Dana A.; Walker, Edith M.; Birke, Leslie L.; Stouwe, Curtis Vande; Howard, Jessica M.; Leonard, Stuart T.; Moerschbaecher, Joseph M.; Lewis, Peter B. Pages 154-172

Interaction effects of age and contingency management treatments in cocaine-dependent outpatients.

Weiss, Lindsay M.; Petry, Nancy M. Pages 173-181

EXPERIMENTAL AND CLINICAL PSYCHOPHARMACOLOGY**TABLE OF CONTENTS: 2011, VOLUME 19 (3)****Effects of nicotine on attention and inhibitory control in healthy nonsmokers.**

Wignall, Nicholas D.; de Wit, Harriet Pages 183-191

Smoking cessation in peri- and postmenopausal women: A review.

McVay, Megan A.; Copeland, Amy L. Pages 192-202

Discriminative and reinforcing stimulus effects of nicotine, cocaine, and cocaine + nicotine combinations in rhesus monkeys.

Mello, Nancy K.; Newman, Jennifer L. Pages 203-214

Nicotine effects on general semantic priming in Parkinson's disease.

Holmes, Anna D.; Copland, David A.; Silburn, Peter A.; Chenery, Helen J. Pages 215-223

Cue-induced craving for marijuana in cannabis-dependent adults.

Lundahl, Leslie H.; Johanson, Chris-Ellyn Pages 224-230

Why so impulsive? White matter alterations are associated with impulsivity in chronic marijuana smokers.

Gruber, Staci A.; Silveri, Marisa M.; Dahlgren, Mary Kathryn; Yurgelun-Todd, Deborah Pages 231-242

Delay discounting is associated with treatment response among cocaine-dependent outpatients.

Washio, Yukiko; Higgins, Stephen T.; Heil, Sarah H.; McKerchar, Todd L.; Badger, Gary J.; Skelly, Joan M.; Dantona, Robert L. Pages 243-248

Editorial Policy:

Psychopharmacology and Substance Abuse News is a thrice-yearly publication of Division 28. It is devoted to keeping its members informed about the activities of Division 28 and to news and comments concerning all aspects of psychopharmacology and substance abuse. Articles, comments, announcements, and advertisements should be sent to the editor, Kelly Dunn, at kdunn9@jhmi.edu.

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TRAINING AND EMPLOYMENT ANNOUNCEMENTS

**Instructor/Assistant Professor- Behavioral Pharmacology
Alcohol and Drug Abuse Research Center-Behavioral
Science Laboratory****HARVARD MEDICAL SCHOOL-MCLEAN HOSPITAL**

Applications are invited for a junior faculty research position (tenure-track) at the Harvard Medical School in the Behavioral Science Laboratory at the Alcohol and Drug Abuse Research Center, McLean Hospital. This is an excellent opportunity for a well-trained, productive, behavioral or biological scientist (Ph.D. or M.D./Ph.D.) to join an ongoing Behavioral Science Research program and to develop independent research projects supported by extramural funding. The scientist would participate in an ongoing research program to evaluate new pharmacotherapies for the treatment of cocaine abuse and to examine sex/gender factors in drug abuse. The Alcohol and Drug Abuse Research Center at McLean Hospital is an interdisciplinary basic and clinical research program concerned with evaluating the safety and effectiveness of new pharmacotherapies for drug abuse and sex/gender differences in substance abuse. Research at the Center currently emphasizes the behavioral pharmacology of substance abuse, the neuroendocrine concomitants of cocaine and nicotine abuse, and the effects of drugs on the brain as assessed by functional magnetic resonance imaging (fMRI). The McLean Hospital is an affiliate of the Harvard Medical School and the Massachusetts General Hospital, located in Belmont, a suburb of Boston, MA. For more information about this research program, go to <http://www.mclean.harvard.edu/research/adarc/>

To apply: Please send a curriculum vita, reprints of five recent papers, a brief statement about your research training, interests and career goals, and the names of three references (including complete mailing and e-mail addresses and telephone numbers) to:

Nancy K. Mello, Ph.D.
Professor of Psychology (Neuroscience)
Co-Director, Alcohol and Drug Abuse Research Center
McLean Hospital
115 Mill Street
Belmont, MA 02478.

*McLean Hospital is an equal opportunity/Affirmative
Action/ADA Employer.*
A member of the Partners Health Care System.

**Postdoctoral Position in Pre-clinical and Clinical Brain Imaging
Of Drug Abuse****PSYCHIATRY SPECT IMAGING PROGRAM, YALE****OPENING SUMMER/FALL 2010**

The Psychiatry SPECT Imaging Program at Yale invites applications for postdoctoral positions in neuroreceptor imaging of addiction and other psychiatric disorders in human subjects and in animal models. Ongoing projects include imaging the nicotinic acetylcholine and GABAA-benzodiazepine receptors in living humans and animals during the recovery from alcohol dependence and chronic tobacco smoking. We are also interested in examining the genetic polymorphisms that mediate neurochemical changes in addiction and the cognitive impairments associated with chronic addiction and recovery. Additional studies include preclinical radiotracer development and opportunities to acquire training in MRI and PET imaging. Applicants must have completed a MD or PhD or equivalent degree in neuroscience, psychology, biology, chemistry, pharmacology or related discipline. Willingness to conduct animal research is preferable.

To apply: Applicants should send a letter of interest, curriculum vitae, and the names of three references to Dr. Kelly Cosgrove, Director, Psychiatry SPECT Imaging, Department of Psychiatry, Yale University School of Medicine & VACHS 116A6; 950 Campbell Avenue, West Haven CT 06516 or kelly.cosgrove@yale.edu. US Citizenship is required. Yale University School of Medicine is an Affirmative Action/Equal Opportunity Employer.

Postdoctoral Position in Drug Abuse Research**UNIVERSITY OF VERMONT**

The University of Vermont announces the availability of a post-doctoral research fellowship position in an internationally recognized center of excellence for the study of drug abuse. Fellows have opportunities for training in a wide range of treatment-outcome and human laboratory research. Current openings are with STACEY SIGMON (Stacey.Sigmon@uvm.edu, 802-656-9987) and STEPHEN T. HIGGINS (Stephen.Higgins@uvm.edu, 802-656-9614) on lab studies related to psychomotor stimulants and clinical trials related to behavioral treatments for cocaine dependence and cigarette smoking. Applicants must have completed doctoral training in psychology, behavior analysis, or a related discipline and be U.S. citizens or permanent residents. Salary is competitive commensurate with experience (PGY 1 to PGY 7) and supported by an NIDA/NIH Institutional Training Award. For more details on the position please contact the investigators directly at the e-mail addresses/phone #s shown above.

To apply: Please forward a curriculum vitae, statement of research interests, and three letters of reference in c/o Ms. Diana Cain, University of Vermont, Dept. of Psychiatry, UHC Campus, Rm. 3101C Old Hall, MS#482, Burlington, VT 05401.

TRAINING AND EMPLOYMENT ANNOUNCEMENTS

Postdoctoral Research Fellowships in Substance Abuse and Psychopharmacology Human Research Training**JOHNS HOPKINS UNIVERSITY**

Postdoctoral research fellowships available in a stimulating, productive program with excellent resources. Prepare to be an independent investigator.

HUMAN LABORATORY -- behavioral & clinical pharmacology of abused drugs (abuse liability, self-administration, cognitive/memory function, neuroimaging); anti-drug abuse medication development. Opioids, cocaine, anxiolytics, alcohol, caffeine, nicotine, hallucinogens, MDMA, club drugs.

CLINICAL TRIALS - testing medications, behavioral therapies (especially incentive/contingency-based), and combinations; psychiatric comorbidity research; addiction & pregnancy/women. Opioid, cocaine, tobacco, mixed/other dependencies.

Eligibility: U.S. citizen, permanent resident. Many backgrounds are appropriate - from clinical / counseling to experimental neuroscience.

NIH stipend levels: \$37K - 51K+.

Start Date: Flexible.

Faculty: George Bigelow, Roland Griffiths, Maxine Stitzer, Eric Strain, Kenneth Silverman, Robert Brooner, Miriam Mintzer, Una McCann, Ryan Vandrey, Matthew Johnson, Anthony DeFulio

To apply: Contact George Bigelow; BPRU, Behavioral Biology Research Center; 5510 Nathan Shock Drive; Johns Hopkins Bayview Campus; Baltimore, Maryland 21224-6823. (410) 550-0035; bigelow@jhmi.edu. For more information see www.bpru.org

Postdoctoral Fellowship in Translational Studies of Tobacco Addiction**NATIONAL INSTITUTE ON DRUG ABUSE (NIDA)**

The Intramural Research Program (IRP), National Institute on Drug Abuse (NIDA), has a postdoctoral position available now in the area of human nicotine psychopharmacology. Current studies are focused on 1) validating and testing novel medications in a human laboratory model of tobacco addiction and 2) effects of nicotine on attention and cognition. The successful candidate must possess a doctoral degree. A background in cognitive or experimental psychology or behavioral pharmacology is highly desirable. Candidates must be U.S. citizens or Permanent Residents. Salary range is \$44,000 to \$53,400 depending on experience.

To apply: Interested candidates must submit a CV, statement of research interests, and 3 letters of recommendation to: Stephen J. Heishman, Ph.D., NIDA IRP, 251 Bayview Blvd, Suite 200, Baltimore, MD 21224. Questions may be directed to Dr. Heishman at 443-740-2458 or heishman@nih.gov. NIH is an Equal Opportunity Employer and encourages applications from women and minorities.

Postdoctoral Scholars in Department of Psychiatry**UNIVERSITY OF CALIFORNIA, SAN FRANCISCO**

One- to two-year NIH/NIDA-funded positions as postdoctoral scholars in drug abuse treatment and services research are available in a multidisciplinary research environment in the Department of Psychiatry, University of California, San Francisco. Scholars work with a preceptor to design and implement studies on the treatment of drug dependence, and select a specific area of focus for independent research. Director Dr. James Sorensen and Co-Directors Drs. Steven Batki, Kevin Delucchi, Joseph Guydish, Sharon Hall, Carmen Masson, and Constance Weisner are all involved with either the NIDA Clinical Trials Network (CTN) or Treatment Research Center (TRC). Training of psychiatrists, women, and minorities for academic research careers is a priority.

To apply: Send CV, research statement, samples of work, and two (2) letters of recommendation to Barbara Paschke, 2727 Mariposa Street, Suite 100, San Francisco, CA 94110; 415-437-3032; Barbara.paschke@ucsf.edu. Additional information including faculty research interests is available at: http://ucsfrtc.autoupdate.com/post_doctoral_program.vp.html

Assistant Professor Addiction Treatment Research, Department of Psychiatry**DARTMOUTH MEDICAL SCHOOL**

THE DARTMOUTH PSYCHIATRIC RESEARCH CENTER invites applications for one non-tenure-track position at the Assistant Professor level. Applicant should have: interest in substance use disorder treatment development and testing, services research in community settings and/or implementation/dissemination science research and some clinical expertise, as well as documented knowledge of standardized assessment, research design and conduct, and data analytic techniques.

Qualifications include: A doctoral degree in a relevant psychological, medical, social or public health discipline; background in clinical research; a commitment to improving community services or the public health; and capacity to work effectively on a team.

The Dartmouth Psychiatric Research Center is a multi-disciplinary group of researchers with broad range of interests and faculty members from the Department of Psychiatry and the Department of Community & Family Medicine at Dartmouth Medical School. A commonality of the work at the Center is the design, testing and dissemination of evidence-based treatments for implementation in routine community settings. Of particular focus in this position are services to persons with co-occurring substance use and psychiatric disorders. Dartmouth Medical School is an equal opportunity, affirmative action employer and seeks diversity in faculty and staff. Women and minorities are strongly encouraged to apply.

To apply: Candidates should send a CV, cover letter describing areas of expertise, and a list of three references to: Mark McGovern Ph.D., Dartmouth Medical School, 85 Mechanic Street, Suite B4-1, Lebanon, NH 03766. E-mail: Mark.P.McGovern@Dartmouth.edu. Applications will be accepted until the position is filled.

TRAINING AND EMPLOYMENT ANNOUNCEMENTS

Junior Faculty Position in Women's Health and Addictive Behaviors

YALE UNIVERSITY BIRCWH

Women's Health Research at Yale and Yale Department of Psychiatry's Division of Addictions announce junior faculty position openings within a research career development program focused on women's health and addictive behaviors funded by the National Institutes of Health. Scholar candidates have the opportunity to work on research projects with experienced, productive mentors from different disciplines (e.g., psychiatry, psychology, neuroscience, health policy, internal and emergency medicine, obstetrics/gynecology, genetics, and public health) and are supported in the development of their own project. Projects can include basic, translational, or clinical research. Career development activities are built around an innovative, integration of interdisciplinary research mentoring, professional coaching, team science work groups, and didactic seminars. Additional funds are provided for an independent research project and professional development. Up to 25% time can be spent on clinical or other training-relevant activities. Scholar candidates typically will be within three years of completing their doctoral degree from an accredited graduate school or medical school residency and have at least one year of supervised research experience in an area related to women's health or addictions. Scholars must be U.S. citizens or have permanent resident status. For more information see

<http://medicine.yale.edu/whr/faculty/training/jrfac.aspx>, or contact carolyn.mazure@yale.edu or samuel.ball@yale.edu.

To apply: Application materials include a cover letter detailing research and career goals, CV and three letters of recommendation, and should be sent to whresearch@yale.edu. Yale is an Equal Opportunity/Affirmative Action Employer, and applications from women and members of minority groups are especially encouraged.

Postdoctoral Fellowship in Genetics of Behavioral Risk and Alcohol Abuse/Alcoholism (US citizens/residents)

UNIVERSITY OF MICHIGAN ADDICTION RESEARCH CENTER (UMARC)

Training grant position is available for 2-3 years of postdoctoral training in behavioral genetics in the University of Michigan Addiction Research Center (UMARC)

<http://www.med.umich.edu/psych/sub/pdf/postdocad.pdf>. The project involves an ongoing collaboration to study the genetics of behavioral risk relevant to alcohol and other drug abuse in a longitudinal (>20 years) sample of nearly 500 families enriched for alcohol and other substance abuse. Psychological and behavioral as well as substance abuse variables are available on close to 2000 individuals, in about half of them since early childhood. A subset of the sample has been genotyped for >1000 SNPs in >100 candidate genes. The data will allow genetic association studies, gene x gene, gene x environment and behavioral pathway analyses. Additional genotyping may also be performed by the fellow as needed although the major effort will be on analysis. Candidates should be recent (<5 years) Ph.D.s in psychology, genetics, bioinformatics, or statistics who seek cross-training in the other disciplines. Interested MDs with expertise in one of these areas are also invited to apply.

To apply: Please send applications - see link above for requirements - to Dr. Margit Burmeister, margit@umich.edu or Dr. Kristi Rahrig Jenkins (kristirj@umich.edu)

Assistant or Associate Professor in Human Neuroscience.

UNIVERSITY OF KENTUCKY

The University of Kentucky Department of Psychology invites applications for a tenure track position at the assistant or associate level to begin Fall, 2011. Candidates must be experienced using fMRI. Their substantive interests may be in any existing research program in the department (behavioral neuroscience, clinical, cognitive, developmental, social). However, candidates must also be willing to collaborate with faculty in the Center for Drug Abuse Research Translation

(<http://www.uky.edu/Research/CDART/>) doing research on substance abuse and/or its prevention in developing populations (i.e., children, adolescents and young adults). We seek applicants with a strong research program, potential to attract extramural funding, and commitment to excellent mentoring and teaching. The University of Kentucky is a Carnegie Doctoral/Research University—Extensive, and the Department of Psychology has been identified as a Target of Opportunity within the University. The University of Kentucky is an Affirmative Action/Equal Opportunity University that values diversity and is located in an increasingly diverse geographical region. The University of Kentucky is committed to becoming one of the top public institutions in the country. Women, persons with disabilities, and members of other underrepresented groups are encouraged to apply. The University supports family-friendly policies.

Formal Position Description

The successful candidate for the position in "human neuroscience" must meet the following criteria:

1. Must have earned a Ph.D. in psychology or closely-related field.
2. Must be experienced in using fMRI
3. Must be willing to collaborate on research with faculty in the Center for Drug Abuse Research Translation (CDART) doing research on substance abuse and/or its prevention in developing populations (i.e., children, adolescents and young adults).
4. The substantive interest interests of the candidate may be in any area that makes contact with existing research programs in the department (behavioral neuroscience, clinical, cognitive, developmental, social)
5. Must have established a strong research program
6. Must show potential to attract extramural funding

To apply: Please submit a vita, statements of research and teaching interests, reprints and preprints, and arrange for three letters of reference to be sent to: Human Neuroscience Search Committee, Department of Psychology, 115 Kastle Hall, University of Kentucky, Lexington, KY 40506-0044. The application deadline is January 15, 2011.

TRAINING AND EMPLOYMENT ANNOUNCEMENTS

Postdoctoral Alcohol Research Fellowship in Neurocognitive Effects of Alcohol and Other Substance Use/Abuse

UNIVERSITY OF MICHIGAN ADDICTION RESEARCH CENTER (UMARC)

UMARC invites applications from Ph.D.s and M.D.s for its NIAAA funded post-doctoral research training program. The Center has a focused interest in recruiting a fellow with interests in the comorbidity of alcohol and smoking with a specialized focus on neurocognitive effects. The successful candidate will be involved in cognitive testing and functional MRI in longitudinal studies of children, adolescents and adults at risk for alcohol and other drug involvement. We are seeking fellows with previous research experience in MR imaging who are interested in a multidisciplinary approach to the study of these comorbidities and neurocognitive risk. This position is primarily mentored by Jennifer M Glass, Ph.D., with additional mentoring and collaboration opportunities with other faculty, including Mary M Heitzeg, Ph.D. (neuroimaging - fMRI), Jon-Kar Zubieta, M.D., Ph.D. (Neuroimaging - fMRI, PET), and Robert A. Zucker, Ph.D. (developmental psychopathology). UMARC is the research arm of the Substance Abuse Section (<http://www.med.umich.edu/psych/sub/>) within the Department of Psychiatry, and it currently houses 23 projects addressing issues pertaining to the etiology, course, clinical manifestations, and treatment of alcoholism, alcohol problems, and other substance use disorders. The University provides an unusually strong methodological infrastructure for trainees, and a research environment that is rich in interdisciplinary collaborations, including faculty from the Departments of Psychiatry, Psychology, Statistics, Human Genetics, Pharmacology, Emergency Medicine, the Institute for Social Research, and a number of other university-wide Centers and institutes. UMARC's activities are focused in six areas: I. Developmental Psychopathology and Genetics; II. Neuroimaging and Neurophysiological Research; III. Treatment Research; IV. Health Services Research; V. Prevention and Early Intervention; and VI. Research on Sleep and Sleep Problems as Related to Substance Use Disorder. Fellowships offer the opportunity to develop an integrated research program and enhance skills necessary for a successful academic/research career. Applicants must be US citizens or permanent residents with a Ph.D. or M.D. degree. Appointments typically are for two years of training although a third year appointment is sometimes available. Salaries are commensurate with prior postdoctoral experience and NRSA regulations. Applications will be considered as received. Preliminary inquiries may be addressed to Dr. Glass (iglass@umich.edu). The University of Michigan, as an equal opportunity employer, complies with all applicable federal and state laws regarding nondiscrimination and affirmative action.

To apply: For the formal application, send a CV, three letters of reference, reprints, and a detailed cover letter describing your research interests, potential project foci for the fellowship period, and longer term career goals to:

Kristi R. Jenkins, Ph.D.
 Training Program Administrator, University of Michigan Addiction Research Center
 Rachel Upjohn Building
 4250 Plymouth Road
 Ann Arbor, MI 48109-5740
 Email: kristirj@umich.edu

Postdoctoral Fellowships

THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT SAN ANTONIO

Highly motivated individuals are invited to apply for POSTDOCTORAL FELLOWSHIPS that are currently available in the laboratories of Drs. Charles France and Lisa Gerak at the University of Texas Health Science Center at San Antonio. These highly collaborative investigators within the Department of Pharmacology are funded by NIH to study behavioral and pharmacological mechanisms underlying the therapeutic and/or abuse potential of drugs from several pharmacological classes and to study the behavioral and biologic basis of vulnerability to addiction. The successful applicants will contribute to projects involving drug self-administration, drug discrimination, place conditioning, and other behavioral procedures, conducted within a spacious, state-of-the-art animal facility housing a variety of laboratory animal species. Individuals who have completed or will complete their Ph.D. training in pharmacology, psychology, biology, neuroscience or a related field are encouraged to apply. All postdoctoral appointments are designated as security sensitive positions. The University of Texas Health Science Center at San Antonio is an Equal Employment Opportunity/Affirmative Action employer.

To apply: Applicants should send a curriculum vitae, a brief statement of research interests and career goals, and letters of reference to Lisa Gerak, Department of Pharmacology, University of Texas Health Science Center at San Antonio, 7703 Floyd Curl Dr, mail code 7764, San Antonio TX 78229 or by email to gerak@uthscsa.edu.

Postdoctoral Fellowship

THE UNIVERSITY OF ALABAMA AT BIRMINGHAM (UAB)

Department of Psychiatry is recruiting a Postdoctoral Fellow in one of the following areas: Substance Abuse, Mood Disorders, or Schizophrenia Neuroimaging: The Psychiatry Department at UAB invites applications for a postdoctoral position. Opportunities to gain experience in both neuroimaging as well as clinical trials is available. The fellow would be expected to participate in writing NIH grants as well as papers for publication from existing data sets and ongoing projects. Mentoring in grant writing and publications is available to transition the fellow to an independent scientist position in an academic medical setting. The ideal candidate would be a doctoral level clinical or counseling psychologist (Alabama license or license-eligible preferred) who is dedicated to an academic medical research career. In addition to writing papers and grants, the fellow would be expected to participate as a member of a team of psychologists and physicians conducting clinical research, as well as participate in limited clinical responsibilities. Excellent writing and communication skills are essential, as well as a dedication to working with underserved and stigmatized client populations. Please forward a letter of interest and CV to Dr. Karen Cropsy, Associate Professor, UAB Department of Psychiatry and Behavioral Neurobiology,

To apply: kcropsy@uab.edu. Women and members of minority groups are especially encouraged to apply.

TRAINING AND EMPLOYMENT ANNOUNCEMENTS

Postdoctoral Fellowship

DUKE UNIVERSITY MEDICAL CENTER

Postdoctoral position at Duke University Medical Center available to study genetic, social and psychological factors related to the development of substance use. The successful candidate will have the opportunity to work with large longitudinal population-based epidemiologic and clinic-based datasets. Currently we are investigating associations between Attention-Deficit Hyperactivity disorder symptoms and substance use trajectories, and are expanding these studies to also examine the extent to which genetic factors contribute to these associations. The postdoctoral fellow will work primarily with a team of NIDA funded investigators (Drs. Bernard Fuemmeler (PI), Scott Kollins, Joseph McClernon, and Chongming Yang) on an ongoing funded study aimed at investigating links between ADHD symptoms and tobacco/alcohol use trajectories. Duke has numerous resources including a NIDA funded P-30 center (Transdisciplinary Prevention Research Center) where the candidate will be able expand their interests and collaboration with other faculty studying adolescent substance use. The applicant should have a Ph.D. in a related field (clinical/developmental psychology or epidemiology with interest in mental health/substance use) and strong quantitative skills. Applicants with experience and a keen interest in factor analysis, Structural Equation Modeling and other statistical methods for longitudinal data analyses (e.g., latent curve modeling) are encouraged to apply. Knowledge of SAS and SPSS statistical packages is required: knowledge of M-PLUS or SUDAAN is a plus. Written and verbal fluency in English is required. Applicants will have the opportunity to work independently and in group settings. The position is a two year position, contingent upon mutual agreement after the first year. A start date of Summer or Fall of 2011 is preferred.

To apply: Please contact:
 Bernard F. Fuemmeler, Ph.D., M.P.H.
 Duke University Medical Center
 Department of Community and Family Medicine
 and Psychology and Neuroscience
 DUMC Box 104006, Rm 633
 Durham, NC 27710
 Phone: 919-681-7171
 Fax: 919-684-5108
 email: bernard.fuemmeler@duke.edu

Post-doctoral Research Fellowship Positions for Physicians

MENTAL ILLNESS RESEARCH, EDUCATION, AND CLINICAL CENTER (MIRECC) AT PHILADELPHIA VAMC

A two-year research fellowship position is available to interested candidates, focusing on dual diagnosis of medical, psychiatric, and addictive disorders in an established center with a specific focus on co-morbidities. The start date is planned for July 1, 2011, but is negotiable. The fellowship director is Henry R. Kranzler, M.D. and other established investigator mentors include David Oslin, M.D., Steven Sayers, Ph.D., Kyle Kampman, M.D., Michael Thase, M.D., Richard Ross, M.D., and Stanley Caroff, M.D. Pilot funding is available to fellows to initiate projects in the etiology, diagnosis, clinical course, and treatment of dual disorders with access to primary care, psychiatric, and substance dependence populations, as well as chronic pain patients. Potential research approaches include clinical trials, genetic and pharmacogenetic studies, health services research, and human laboratory studies.

The fellowship provides 75% time for research and 25% clinical training in dual disorders. The goals of the fellowship are to provide a mentored experience in research design and implementation, data analysis, report and grant writing, and a supervised clinical training. Potential exists for suitable candidates to receive a third year of fellowship support.

To apply: Applicants must have a medical degree from an accredited medical school and be eligible to practice medicine in any state in the U.S. and be a U.S. citizen. Preference will be given to board-eligible and board-certified candidates in any medical specialty. Interested candidates should send a letter describing their research interests and career goals, and a sample of publications or grant applications to henry.kranzler@va.gov or to the following mailing address: Henry R. Kranzler, M.D., MIRECC/116, Philadelphia Veterans Affairs Medical Center, 3900 Woodland Ave., Philadelphia, PA 19104

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