Dear reader,
Welcome to our monthly Research Council Newsletter. We have exciting opportunities and announcements below. If you have anything to contribute to the next newsletter, or have any questions, comments, and/or feedback, please send them to Drs. Abraham Palmer (aapalmer@ucsd.edu), Murray Stein (mstein@ucsd.edu) and Lindsay Gomez (l2gomez@ucsd.edu).

Information about the Research Council can be found here [https://medschool.ucsd.edu/som/psychiatry/research/Pages/default.aspx](https://medschool.ucsd.edu/som/psychiatry/research/Pages/default.aspx).

“Research is formalized curiosity. It is poking and prying with a purpose.” Zora Neale Hurston

**RECENT RECOGNITIONS**

- Congratulations to Dr. **Jyoti Mishra, PhD** who was selected as one of the recipients for the 2019-2020 Interdisciplinary Mental Health Technology Seed Grant Proposals. The Seed Funding program is designed to support early stage research related to diagnosis, treatment, and/or prevention of mental health problems. The title of Dr. Mishra’s project is “Personalizing Mental Health Assessments & Therapeutics for Mood Disorders”.
Autism Research and Practice Seminar – An overview of autism services at San Diego Regional Center
Friday, August 23rd from 8:00-9:00am
Kim Gaines, PhD & Sarah Burton (San Diego Regional Center)
3665 Kearny Villa Road, San Diego, CA 92123 | 1st floor, Suite 160B
We are now offering offsite access through the following Zoom Link:
https://rchsd.zoom.us/j/479921290
For Zoom attendees:
1) Please mute your screen during the presentation unless you would like to ask a question.
2) To receive CME credit, please email dstout@rchsd.org to confirm your remote attendance and to send a completed presenter evaluation.

Psychiatry Department Grand Rounds
Tuesday, August 27th from 8:00 – 9:30 am in CNCB large auditorium
Lisa Monteggia, PhD
Barlow Family Director of the Vanderbilt Brain Institute
Professor of Pharmacology
Vanderbilt University
Mechanism of Rapid Antidepressant Responses
***Did you know Grand Rounds lectures are available on our website to view later? Please visit the Department Grand Rounds page, and click “archived” at the top of the page to view videos of past lectures.

UCSD Eating Disorders Center - Introduction to DBT for Eating Disorders
Wednesday & Thursday, September 25-26 from 8am-4:30pm
Leslie Karwoski Anderson, PhD; Anne Cusack, PsyD; & Julie Melekian, MA
Pacific Room
4510 Executive Drive, Ste 220, San Diego, CA 92121
Space is limited and RSVPs are required.

2nd Annual Symposium – Cannabis and Health
Friday, October 18th from 8am-5pm in the Atkinson Hall
Raphael Mechoulam, PhD (Hebrew University) and Geoffrey Guy, MD (GW Pharmaceuticals)
While the event is free to attend, registration is required since space is limited.
To register for more information, visit [CMCRsymposium.ucsd.edu](http://CMCRsymposium.ucsd.edu). For questions contact the CMCRsymposium@ucsd.edu.

**NEWLY FUNDED GRANTS**

| Researcher Name          | Title                                                                 | Type of Grant | Project Period         | Total Cost       | Funding Agency   |
|--------------------------|                                                                      |               |                         |                  |                 |
| Fennema-Noretine, Christine & Nicols, Sharon | Implications of cannabis use and cumulative adversity exposure for brain structure and function in young adults living with HIV | R01 DA047906 | 07/15/2019-04/30/2024 | $3,471,157      | NIH/NIDA         |
| Frank, Guido             | Toward Understanding Dopamine Receptor Contributions to Prediction Error and Reversal Learning in Anorexia Nervosa | 1R21MH120475  | 08/01/19-04/30/21      | $236,250         | NIMH             |
| McDonald, Carrie         | Prediction of seizure lateralization and postoperative outcome through the use of deep learning applied to multi-site MRI/DTI data: An ENIGMA-Epilepsy study | R21NS107739   | 04/15/19-03/31/21      | $444,315         | NIH/NINDS        |


IN THE MEDIA

“Addressing Tragic Events with Our Children: A Q&A with Psychiatry Experts”
August 9, 2019
UCSD Newsroom
Features Hannah Sweet, MD, Anne Bird, MBChB, and Yuliana Noniyeva, PhD

“Volume of adolescent orbitofrontal cortex could indicate future cannabis consumption: study”
August 8, 2019
London Free Press
Features Natasha Wade, postdoc scholar

“Huge study explores genetics of PTSD in more than 165,000 U.S. veterans”
August 5, 2019
Philadelphia Inquirer
Features Murray Stein, MD, MPH
“How To Take Care Of Yourself When Your Parent Is Dying”
July 29, 2019
Huff Post
Features Brent Mausbach, PhD

“Program’s goal is to prevent nurse suicides”
July 29, 2019
San Diego Union Tribune
Features Judy Davidson, RN, DNP, Marti Neuenswander, assistant nurse manager, and Sidney Zisook MD

“Study confirms value of exposure therapy for vets with PTSD, alcohol problems”
July 24, 2019
EurekAlert!, AAAS
Features Sonya Norman, PhD

“CBD Oil With THC in Kansas Stores, but Legality Is Confusing”
July 19, 2019
U.S. News & World Report
Features Mallory Loflin, PhD

“Glucose Metabolism Supports Verbal Memory in Women with Moderate Amyloid Plaque Deposition”
July 16, 2019
Alzheimer’s Association International Conference
Features Erin Sundermann, PhD
Applications to Fund Research Projects and Travel to Scholarly Meetings

Each year the Academic Senate solicits applications for research and travel funding from Senate members and eligible non-Senate research faculty.

For information about travel to scholarly meetings, go here
http://senate.ucsd.edu/grants-awards/grant-funding/health-sciences-travel/.

Applications may be submitted anytime but must be received prior to the conference date.

HIV Neurobehavioral Research Center (HNRC) at UCSD

**Deadline for Letter of Intent:** 2019 August 1 (encouraged but not required)
**Deadline for Applications:** 2019 August 15
**Estimated award date:** 2019 December 1

The HIV Neurobehavioral Research Center (HNRC) at UCSD will provide funding to junior scientists and investigators new to neuroHIV research to conduct innovative pilot research into the neurobehavioral and mental health aspects of HIV infection and its comorbidities. By supporting pilot research projects, the Program intends to facilitate submission of future research proposals to State, Federal, or private funding sources. Applications must be consistent with the general scientific themes of the HNRC, which are:

- The biological mechanisms of the neurobehavioral and mental health complications of HIV infection, including mechanisms of premature aging of the central nervous system in persons living with HIV;
- The persistence of HIV in – and its eradication from – the central nervous system;
- The influence of the gut microbiome on the central nervous system and the neurobehavioral and mental health complications of HIV infection; and
- The clinical relevance of the neurobehavioral and mental health complications of HIV infection, including novel assessment methods, biomarkers, or therapies.

The HNRC will provide financial support in conjunction with other resources from the HIV Neurobehavioral Research Program (HNRP), including assistance with data access, management, and analysis, biological specimen access, research participant recruitment and assessment, and technical assistance in areas such as HIV Medicine, Neurology, and Psychiatry,
Neuropsychology, Neuroimaging, and Neuropathology. Additional details about the scientific and service aims of the HNRC can be found at: http://hnrc.hivresearch.ucsd.edu.

**INSTRUCTIONS FOR PROPOSALS**
The proposal should be concise, focused, and not exceed six pages in 11 point Arial font. If re-submitting a revised application, please include a brief response to reviewers.

Please see the attached announcement for more details. An application has also been attached. Please send questions, letter of intent and other supporting materials to hnrcdevelopmental@ucsd.edu.

**FOUNDATION/ORGANIZATION**

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<tr>
<th>FOUNDATION/ORGANIZATION</th>
<th>AWARD (US$)</th>
<th>LTD SUBM / ORG DEADLINE</th>
<th>SPECIAL HANDLING</th>
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<tr>
<td>Sage, Russell Foundation Small Grants Program in Behavioral Economics</td>
<td>$7,500</td>
<td>08/21/19</td>
<td>LOI</td>
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<tr>
<td>Las Patronas Fall Cycle - Major and Minor Grants</td>
<td>&lt;$20,000</td>
<td>08/30/19</td>
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<td>Pharmaceutical Research and Manufacturers of America Foundation (PhRMA) Informatics Research Starter Grants</td>
<td>$100,000</td>
<td>09/01/19</td>
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<td>Pharmaceutical Research and Manufacturers of America Pharmaceutics Research Starter Grants</td>
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<td>Grant Details</td>
<td>Deadline</td>
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<td>Pharmaceutical Research and Manufacturers of America Foundation (PhRMA) Pharmacology / Toxicology Research Starter Grants</td>
<td>$100,000</td>
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<td>American Foundation for Suicide Prevention Young Investigator Innovation Grants</td>
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<td>09/15/19</td>
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<td>Sloan, Alfred P. Foundation Sloan Research Fellowships</td>
<td>$70,000</td>
<td>09/16/19</td>
<td>Nomination</td>
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<td>Thrasher Research Fund Early Career Awards</td>
<td>&lt;$25,000</td>
<td>09/17/19</td>
<td>Fall Cycle</td>
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<td>Johnson, Robert Wood Foundation Evidence for Action: Investigator-Initiated Research to Build a Culture of Health</td>
<td>Flexible</td>
<td>Ongoing</td>
<td>Open LOI Process</td>
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<tr>
<td>Wellcome Trust Innovator Awards</td>
<td>$500,000 - $750,000</td>
<td>Ongoing</td>
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**Society for Neuroscience**

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**INS Early Career Research Award**

The INS recognizes achievement for early career contributions in research, education or service in the field of neuropsychology. Self-nominations are not accepted; anyone can nominate and write support letters. For an award to be considered for the INS Mid-Year Meeting, please
submit nominations by March 31st. For an award to be considered for the INS Annual Meeting, please submit nominations by September 30th of the prior year to ins@the-ins.org.

**Limited Submission Opportunity: NIH Director's Early Independence Awards**
The Office of Research Affairs is pleased to share a significant funding opportunity for exceptional UCSD graduate students and those completing clinical training.

**NIH Director’s Early Independence Award (DP5)**
- Allows investigators to pursue independent research after receiving their terminal degree, forgoing traditional postdoc training
- $1,250,000 over 5 years
- Eligible applicants must complete their doctoral degree or clinical training (residency/fellowship) between 6/1/18 and 9/30/20
- Open to internal applicants; Institutions may also use this mechanism to recruit exceptional junior scientists
- **Campus pre-applications due July 23**
- **Limit of 2 applicants through UC San Diego**

Details on the campus pre-application process are available at https://ucsd.infoready4.com/#competitionDetail/1787739. Please consider sharing this opportunity for outstanding junior scientists with interested colleagues.

Dear Medical and Population Genetics enthusiasts,

We invite you to the **Inaugural Integrative Biology Symposium** at the Salk Institute on September 12-13. The theme of this symposium is quantitative bridges between genotypes and phenotypes and we have a fantastic lineup of invited speakers.

Please forward this invitation colleagues and encourage them to register and submit abstracts. A subset of the abstracts will be selected for oral presentations and posters at the conference. Abstract Submissions from students and postdocs are especially welcome.

**Registration and Abstract deadline: August 16, 2019**

External speakers:
JAY SHENDURE, HHMI, University of Washington [keynote]
LEONID KRUGLYAK, HHMI, UC Los Angeles
Animal Care Program (ACP) Per Diem Rate Changes – 2019
Effective July 1, 2019 all animal research proposal submissions must use the new per diem schedule. Currently funded projects will also be charged in accordance with the new rate structure effective July 1, 2019. Rate adjustments will be re-evaluated annually, with new rates effective on July 1 each subsequent year. Annual rate increases of a minimum of 3% should be taken into account for grant-planning purposes and budgeted accordingly.

This new rate schedule can be found here:

Per Diem Rates planning page for projection details:
https://animalcare.ucsd.edu/pages/billing-finance/business-per-diem-rate-planning.html

The link to the Chair of Psychiatry position at UCSD has been posted. Please feel free to reach out to your networks to share this link and invite applications.
https://apol-recruit.ucsd.edu/apply/JPF02081

Kemp Fund Award
The Kemp Fund Award for Research Development in Psychobiological Psychiatry, established in 1988, recognizes a senior researcher who has made a significant contribution to research on the causes and treatment of schizophrenia as both a researcher and a mentor. An award is also
made to support the career development of a young research psychiatrist working in a mentor-trainee relationship with the award winner. Funded by the estate of Dorothy C. Kemp.

- $1,500 to the senior researcher awardee
- $20,000 to the awardee’s protégé
- Engraved plaque

The submission deadline is August 15, 2019. Please submit your application to Laura Thompson, M.S. at lthompson@psych.org. For all email correspondence, please type in the subject of your email: “Kemp Fund Award.”

Interdisciplinary Research Fellowship in NeuroAIDS (IRFN)
We would like to make you aware of a funding opportunity for postdoctoral scientists interested in neuroHIV research:

The NIMH-funded Interdisciplinary Research Fellowship in NeuroAIDS (IRFN) is a two-year postgraduate education program housed within UCSD’s HIV Neurobehavioral Research Program, now starting its 13th year. The program provides a heightened understanding of the state of the science in central nervous system mechanisms and consequences of HIV infection, with the goal of fostering the career development of emerging scientists in neuroHIV research.

Trainees from multiple disciplines are offered a series of didactic experiences and are paired with mentors who are leaders in the field.

The IRFN contributes $22,500 annually for two years toward the Fellow's salary and benefits to support participation in the program. We also offer modest funds for travel to a scientific meeting or other research/education related expenses.

The application period is now open for a Fall 2019 start. We plan to support up to 5 Fellows from clinical or basic science backgrounds. Applications will be accepted until slots are filled.

If you have fellows, residents, or psychology interns who may be interested in getting research experience in neuroAIDS, please pass along this exciting opportunity. To apply, candidates should send a cover letter stating their interests along with their CV to mcherner@ucsd.edu or cachim@ucsd.edu. They can also contact us to discuss their interest ahead of the application.
Summer 2019 New Students Registration
The UCSD Clinical and Translational Research Institute’s CREST program is currently accepting applications from fellows, residents, junior faculty, faculty members, PharmD, and research associates interested in receiving supplemental training in clinical and translational research. CREST is targeted to researchers from all disciplines, particularly physicians enrolled in fellowship training or starting their academic career. The curriculum provides comprehensive coverage of all dimensions of clinical research while allowing scholars to spend the majority of their time in research and clinical activities.

The CREST program has the following components:
- Training in the methods and techniques of clinical research. Courses are offered in patient oriented research, epidemiology, biostatistics, health services research, and Data Management & Informatics.
- Promoting an institutional environment to support the interaction of CREST participants with established clinical and basic science investigators, fostering relationships for mentoring and career development.
- A broad based curriculum with credit units applicable to a Master of Advanced Studies in Clinical Research degree program.

The core curriculums are offered on Wednesdays and/or Thursdays 4-6pm at UCSD, La Jolla. The additional modules are offered on Mondays/Tuesdays from 4-7pm at UCSD, La Jolla.

Application Deadline:
The application deadlines are sessions April 30, 2019 for Summer 2019 and September 30, 2019 for winter 2020 session.

The Summer quarter will start on Wednesday, July 3, 2019.

Application Procedure and Admission Requirements:
To apply for the CREST Program, candidates will need to complete and submit the online application. Online application could be found at CREST Website.