Hello DPRG Community –

On behalf of the Executive Committee and the Advisory Board, I’d like to welcome you back to the Developmental Psychobiology Research Group (DPRG) Seminar Series.

It is our hope that our twice-monthly DPRG Seminars will foster a sense of community and connection for researchers across all levels of career development. Our goal is to provide a forum that encourages and supports the multi-disciplinary collaborative research projects that contribute in meaningful ways to scientific knowledge. Tied closely to the fellowship program that supports the early career development of extremely talented and promising investigators, we want the DPRG seminars to promote active discussions that are relevant to all.

We are very fortunate to kick off this year’s program with an outstanding lead speaker – Robert Emde, MD, Professor of Psychiatry, Emeritus. Dr. Emde is one of the founders of DPRG and has been instrumental in its evolution into the active interdisciplinary research group that it is today. In his seminar on September 8, 2015, Dr. Emde will discuss the history and future prospects of developmental psychobiology research in Colorado. His unique perspective will prompt much interesting discussion and we are grateful to him for his work on the historical archives of DPRG, as well as his willingness to share his insights with us within the seminar series.

A working version of the seminar program for the rest of the year is provided below and is expected to be finalized in the next few weeks. We are excited to hear about the projects of the DPRG postdoctoral fellows and to host investigators CU-Denver, CU-Boulder, the University of Denver and Colorado State University. We have tried to bring in new faculty at these institutions whose research interests are compatible with the mission of DPRG. We hope to encourage collaborations across campuses, as well as disciplines.

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Last year we successfully piloted “Zoom” – a videoconferencing application that allows us to webcast DPRG seminars to other campuses. If you would like to participate in DPRG via “Zoom”, please contact the DPRG office (DPRG@ucdenver.edu) or Christine.Martin@ucdenver.edu and we will send you the connecting information. We hope to maintain the interactive nature of DPRG and encourage you to submit questions and comments through the participant interface if you choose to attend through Zoom. We will note your attendance
MESSAGE FROM THE DIRECTOR (cont'd)

through videoconferencing and it will count towards your membership goal of participating in 50% or more of the DPRG offerings.

Please remember that participants who attend 50% or more of the seminars are eligible to apply for small grants (up to $7500) from the Developmental Psychobiology Endowment Fund (DPEF). These funds can be used to jump-start new endeavors or enhance existing projects. Please see our website for application dates and guidelines (www.dprg.org)

Stay tuned for more information on this year’s retreat, which will be held in the spring of 2016. Ben Mullin, PhD is chairing this year’s event and we are grateful to him for his time and effort in planning this unique learning experience.
We welcome your feedback on this year’s program and look forward to lots of lively discussions and active interdisciplinary collaborations.

Sincerely,

Susan Hepburn, Ph.D.
Executive Director DPRG
**Undergraduate Students**

The NIMH-supported STARS summer undergraduate research training program brings students from rural community colleges across Colorado to the Anschutz Medical Campus and University of Denver to participate in research programs. STARS is a unique research program in which faculty mentors make a tangible impact on the career development of students and also benefit from the assistance of a summer intern. This past year was a great success with 8 DPRG faculty mentoring 10 students from Colorado Mountain College, Pueblo Community College, Otero Junior College, and Northeastern Junior College. If you are interested in being a faculty mentor, please contact Kalynn Schulz at Kalynn.Schulz@ucdenver.edu, 720-326-4746, or Randy Ross at Randy.Ross@ucdenver.edu.

**NIMH Postdoctoral Trainees**

Two new postdoctoral trainees have joined our NIMH T32 program since the last newsletter: Garrett Cardon, who will work with Don Rojas, and Jennifer Waller, who will be working with Ben Hankin. We look forward to the seminar presentations of these trainees this fall. Continuing postdocs are Heather Caballes (Tim Benke), Erin Hambrick (Heather Taussig), Kristy Howell (Amanda Law), and Korey Wylie (Jason Tregellas). Fellows who have completed training since the last newsletter include Anita Quintana (Bruce Appel), who has gone on to a Faculty position at the University of Texas El Paso and Lisa Wilson (Don Rojas), who will be doing a 2-year Marie Curie fellowship in Spain.

For more information about the program, please visit our website, [www.dprgpostdoc.org](http://www.dprgpostdoc.org).

**Request to Advertise the NIMH Postdoctoral Research Training Program**

Members of DPRG - if you are giving a talk and want to inform the audience that we have training programs available, there is a PowerPoint slide offered that you can include at the end of your presentation. The slide is located on the ANNOUNCEMENTS tab of the DPRG website. If you have further questions you can email Linda Greco-Sanders.

We are accepting applications for 2016 positions in the Postdoc Training Program (with fingers crossed for the funding of our competing renewal). Because of the grant uncertainty, the deadline is being pushed back to January 4, 2016 and application information will be updated soon on our web page, [www.dprgpostdoc.org](http://www.dprgpostdoc.org).
DPRG SEMINAR SCHEDULE
FALL 2015

All seminars are on Tuesdays from 10:00-11:45 AM at The Children’s Hospital, Gary Pavilion, in the Denver Room. Prior to each seminar there is a "coffee hour" from 9:30 - 10:00 AM.

**September 8**
DPRG KickOff Speaker:
Robert Emde MD, Professor of Psychiatry Emeritus, University of Colorado School of Medicine
*Developmental Psychobiology in Colorado: Early visions, historical change and contributions*

**September 22**
TBD

*(DPRG Executive Committee meeting immediately following the presentation)*

**October 13**
*DPRG Annual Business Meeting*

**October 27**
TBD

**November 10**
Garrett Cardon, AuD, PhD, DPRG Postdoctoral Fellow, UCD & Jennifer Waller, PhD, DPRG Postdoctoral Fellow, UCD
*Postdoctoral Trainees and their Interest*

**November 24**
*Seminar Cancelled Due To The Holiday Break*

**December 8**
Erika Lunkheimer PhD, Associate Professor, Department of Human Development and Family Studies, CSU

*(DPRG Executive Committee meeting immediately following the presentation)*

**December 22**
*Seminar Cancelled Due To The Holiday Break*
Location & Parking Information

The Children’s Hospital Campus

Anschutz Medical Campus

We really encourage people to take the stairs down to the room. The stairs come out much closer to the room and require the use of only one secured door. Unfortunately, the secured doors are for patient safety and therefore we can’t get around the door access issue. There will be someone manning the door to allow access before the seminar begins.

Check-in Process

Arrive a few minutes early to ensure plenty of time to get a photo ID badge upon entry. All visitors in The Children’s Hospital are required to wear photo identification, for the safety of patients, families and staff.

⇒ You will need to show your UCD or TCH badge at the security counter
⇒ If you are coming from another location you will need to show your driver license for verification

Upcoming Meetings Of Interest

The 2015 World Congress of Psychiatric Genetics. Please mark your calendars for October 16-20, 2015 in Toronto, Canada. For more information, please visit the website, http://2015.ispg.net/

The 3nd Annual Molecular Psychiatry Meeting scheduled for October 30th, 31st and November 1st 2015 in San Francisco California. For more information, please visit: http://www.molecularpsychiatry.net/

American College of Neuropsychopharmacology 54th Annual Meeting will be held in Hollywood, Florida on December 6-10, 2015. For further information, please visit: http://www.acnp.org/annualmeeting/default.aspx

AFFILIATED SEMINARS

Affect Seminar
September-May, 2nd & 4th Tuesdays of the month
1:00-2:30pm, Ben Nighthorse Campbell Building, 2nd Floor North East Conference Room
241. BNC: Bob Emde

Child Grand Rounds
Please visit the DPRG website for an updated schedule.

If you are interested in joining any of these groups, contact the leader. If there is an area not covered that you think there would be interest in, please contact the DPRG office.
PAPERS/POSTERS PRESENTED


Beyond AKT1: Emerging Role of the Akt Signaling Network in neurodevelopment, Cognition and Developmental Psychiatric Disorders. Dec. 2014 (American College of Neuropsychopharmacology; ACNP). Law AJ Panel Symposium Chair and speaker; Phoenix, AZ.


Griese, B., Silvem, L., Burns, M., Farro, S., & Talmi, A. (2015, June). Grieving children and families seeking community-based services: What we are learning and how we are applying it. Workshop presented at the National Alliance for Grieving Children annual meeting, Portland, OR.

Hadi, H., Margolis, K., Becker Herbst, R., Mohamed, I., & Talmi, A.
(2014, July). What’s Culture Got to Do With It? An examination of cultural factors, recommendations, and recommendation adherence in children with chronic illness served in primary care. Poster presented at the University of Colorado’s Psychiatry and Neuroscience Summer Undergraduate Research Poster Session, Aurora, CO.


Herndon, J.L., McClellan, B., Millar, A., & Talmi, A. (2015, March). Examining environmental adversity in pediatric primary care. Poster presented at the Department of Psychiatry Poster Session, University Of Colorado Denver School of Medicine, Aurora, CO.

Howell, Kristy. Dept of Psychiatry Junior Faculty Poster Session (March 2015): From GWAS to function in schizophrenia: The role of Akt3 in neurocognitive development and conditioned learning

Howell, Kristy. Winter Brain Conference Poster Presentation (Jan 2015): From GWAS to function in schizophrenia: The role of Akt3 in neurocognitive development and conditioned learning


Maclean, Ken. The role of epigenetic mechanisms in cognitive impairment in CBS deficient Homocystinuria. University of Coventry, Coventry, United Kingdom. 24th February, 2015.


Martinez, D., Buchholz, M., & Talmi, A. (2015, March). Strategies for Enhancing Pediatric Primary Care: The Healthy Steps Model. Poster presented at the Department of Psychiatry Poster Session, University Of Colorado Denver School of Medicine, Aurora, CO.


Quinoy, A., Ashby, B., Sheeder, J., & Talmi, A. (2015, May). Prenatal mental health in adolescent mothers and infant development at six and twelve months. Poster presented at The Rosenberry Conference, Children’s Hospital Colorado Pediatric Mental Health Institute, Greenwood Village, CO.


Talmi, A. (2014, September). Providing support before, during, and after the NICU. Session presented at the Colorado Breastfeeding Coalition Conference, Golden, CO.


Talmi, A. (2015, May). Early childhood health matters. Session presented to the Community First Foundation Board of Directors, Arvada, CO.

Talmi, A. (2015, May). First 1,000 Days: Understanding the impact of relationships, environments, and adverse experiences on early childhood well-being. Session presented at the Annual Perinatal Clinical Updates, Aurora, CO.


PAPERS/BOOKS PUBLISHED


C Paterson and AJ Law*. Transient overexposure of Neuregulin 3 during early postnatal development impacts selective behavior. PLOS one 2014. 014 Aug 5;9(8):e104172. doi: PMCID: PMC4122441


Danielson, C.K., Hankin, B.L., & Badanes, L. (2015). Youth Offspring of Mothers with Posttraumatic Stress Disorder Have Altered Stress...


RECENT CONFERENCES ATTENDED


FUNDING

Appel, Bruce H received:
- R01 NS046668, National Institutes of Health, NINDS. Appel, Bruce H (PI). Genetic Analysis of Oligodendrocyte Specification. 04/2015-03/2020. $1,093,750 total direct costs

Gault, Judith received:

Hankin, Ben received:
- National Institute of Mental Health, 1R01MH105501 “Prefrontal mechanisms of selection: Disrupted in internalizing psychopathology?” Role: Co-Primary Investigator (Marie Banich, co-PI). $3,192,465 total costs.

Law, Amanda J received:

Maclean, Ken received:
- Role: PI. Pharmacological inhibition of PERK phosphorylation: A novel therapeutic strategy for treating age-related cognitive decline in Down syndrome (LCI Grand Challenges in Down syndrome) April 2015 – March 2016 $50,000

Role: Co-PI with Professor Tom Anchordoquy, (University of Colorado School of Pharmacy). Enhanced bio delivery of cystathionine as a treatment for acute liver failure, nephrotoxicity and vascular calcification. June 2015 - June 2016 $25,000, NIH/CCTSI novel clinical and translational methods Phase 1 pilot program.

Role PI. Understanding Pathogenesis in Homocystinuria. William R. Humel Homocystinuria Research Fund June 2015 ($50,000)

Miller, Bruce received:
- NIH/NHLBI (Airway Biology and Disease) R01, $3,982,822, 9/1/2015-8/30/2020, Treating Caregiver Depression to Improve Childhood Asthma: Impact and Mediators, Brown, E Sherwood MD, PhD (PI), Miller, Bruce MD, (PI), Wood, Beatrice Lisabeth, PhD (PI)

Talmi, Ayelet received:
- 06/01/15 – 05/31/16 Co-Investigator, Increasing Access to Behavioral Health Screening and Support in Aurora, Planning Award, The BUILD Health Challenge, $75,000

10/01/12 – 06/30/15 Co-Investigator, Expanding ONE Step to Reduce Pediatric Secondhand Smoke Exposure in Colorado, Colorado Department of Public Health and Environment (CDPHE), 10% FTE, Principal Investigator: Gwendolyn Kerby, MD, $285,144

04/01/13 – 03/31/16 Principal Investigator, CLIMB to Community, Rose Community Foundation, $175,000

AWARDS RECEIVED

Bob Emde:
- Commencement Speaker and Honorary Degree (Doctor of Humane Letters, Honoris Causa) Erikson Institute of Graduate School of Child Development, Chicago.
- The Stern Award and Inaugural Daniel Stern Memorial Lecturer, Weill Cornell Medical College, New York.

Hankin, Ben L:

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