Report to the Dean of Faculty, Research Advisory Council May 2017

Research Advisory Committee

The Research Advisory Council (RAC) is a committee of the Faculty Senate charged to provide advice to the Vice Provost for Research on issues relating to the research enterprise of the University. During the 2016-2017 academic year, the major activity of the RAC was to help in the selection of nominations for grant and award programs with limited submissions. In the past academic year we advertised **60** limited submissions programs, and reviewed applications for **12** programs. The chart below indicates 2017 competitions reviewed by limited submissions and RAC, and the outcomes of the review. Attached is an excel spreadsheet with detailed data on the programs and applicants for each program.

The work required to perform all of these grant proposal reviews is significant. Each RAC member reads and ranks all submissions, independent of area of research. The preliminary ranking (and specific comments) serves as the basis for the discussion. The broad expertise represented on the RAC helps to choose the most competitive (and well-written) proposals that are recommended to submit a full application to the particular funding agency or philanthropy. Independent on the outcome, the chair of the RAC provides constructive feedback to each applicant based on the comments and discussion by the council. The workload is spread out across the academic calendar, with fewer programs during the summer months.

A number programs are coordinated with Weill Cornell Medicine, depending on whether the funders consider both campuses as one entity. These programs include, but are not limited to, the Pew, Searle, Allen and Hartwell Foundations. Cornell Ithaca and Weill Cornell Medicine have a cooperative process for the review and ranking of proposals for the joint programs, which differs depending on the program. If WCM (or Ithaca) have few applications, the committee from one or other institution might review and rank them together. If there are more, separate internal competitions are completed, and the winners from WCM and Ithaca are discussed by the two RAC Chairs to determine the strongest candidate(s) for the program.

The RAC also provides occasional advice to the Vice Provost for Research on other issues related to our research mission. If we have less or equal number of applicants than the number of submissions allowed, the RAC Chair reads all applications to ensure they are of high enough quality to proceed in the application process.

Ex officio Non-voting members:

Bob Buhrman

Andy Bass

Mary-Margaret Klempa

Kim Holloway (runs all competitions)

Administrative Coordinator: Dan Mueller

Members for 2016-2017

LS = Life Sciences

PE = Physical Sciences/Engineering

Name	Department	College	LS/PE	Dates	Net ID
Peng Chen	CCB	A&S	PE	2018 (2020)	pc252
Itai Cohen	Physics	A&S	PE	2019	ic64
Steve Ellner	EEB	CALS	LS	2017	spe2
Lara Estroff	MSE	ENG	PE	2019	lae37
Joe Fetcho (Chair)	NBB	A&S	LS	2019	jrf49
Natasza Kurpios	Molecular Medicine	VET	LS	2019	nk378
Hadas Kress-Gazit	MAE	ENG	PE	2020	hk478
Kelly Liu	MBG	CALS	LS	2019	jl53
Mike Scanlon	Plant Biology	CALS	LS	2017	mjs298
Paul Steen	CBE	ENG	PE	2019	phs7
Bob Weiss	BMS	VET	LS	2017	rsw26

Limited Submissions Programs run in 2017:

Sponsor Deadline	Program	Number Allowed	Number Applied	Applicants	Dept
January 4th 2017	Brain Research Foundation Seed Grants	1			
January 11th 2017	NSF Major Research Instrumentation	3	6	Andrew Clark Amit Lal Kyle Lancaster **David Rubin** **Jeffrey Varner** **Rebecca Williams**	MBG ECE CCB **Phy** **CBE** **BME**
January 13th 2017	NSF Scalable Nanomanufacturing	1	1	**Robert Shepherd**	**MAE**
January 15th 2017	Mallinckrodt Foundation Scholar's Award	2 (inc WCM)	3	**Jeffrey Greenfield** **Sergiy Libert** Jeongmin Song	**WCM** **BMS** M&I
January 27th 2017	NIH Research Education: Initiative for Maximizing Student Development (IMSD) Program (R25)	1	1	Avery August	M&I
January 24th 2017**	NIH Postbaccalaureate Research Education Program (PREP) (R25)	1	0		
February 9th 2017	NSF iCORPS sites program	1	0	not eligible this year	

Sponsor Deadline	Program	Number Allowed	Number Applied	Applicants	Dept
February 10th 2017	Dreyfus teacher awards	1	1	**Kyle Lancaster**	**CCB**
February 11th 2017	Dept of State-DRL Internet Freedom Annual Program Statement	2	0		
February 14th 2017**	NIH NINDS Institutional Center Core Grants to Support Neuroscience Research (P30)	1	0		
February 14th 2017	NSF INCLUDES	1	0		
February 15th 2017	NSF CCE STEM	1	2	Michael Kotlikoff **Karen Levy**	Prov **CS**
February 17th 2017	NIH NCI F99/K00 fellowship	1	1	**Maria Liberti**	**MBG**
February 28th 2017**	NIEHS: Outstanding New Environmental Scientist (ONES) Award (R01)	1 per college	0		
March 1st 2017	Moore Foundation	2		Handled by OVPR	
March 1st 2017	NSF CICI	2	0		
March 9th 2017	iCORPS Nodes	1	0	not eligible this year	
March 15th 2017	Packard Fellowships	2	15	Ali Abbaspourrad **Ilana Brito** Pamela Chang Iwijn De Vlamicnk Ivan Diaz Tobias Doerr Brett Fors Lisa Kaltenegger **Amnon Koren** Katja Nowack Michael Sheehan Elia Tait Wojno Alex Townsend Maren Vitousek Nilay Yapici	Food **BME** M&I BME WCM Weill CCB Ast **MBG** Phy NBB M&I Math EEB NBB
March 17th 2017	Department of State-International Sports Programming Initiative 2017	1	1	**Parfait Eloundou-Enyegue**	**Dev Soc**
March 31st 2017	FuzeHub	3 per quarter	2	Carl Batt Chris Ober	Food MSE
March 31st	Breast Cancer Alliance: exceptional Project grants	3	5	**Margaret Bynoe** Scott Coonrod	**M&I** BMS

				Claudia Fischbach Adrian McNAirn **Robert Weiss**	**BME** BMS **BMS**
April 3rd 2017	NY ESD Centers for Advanced Technology Program	3	1	**Hector Abruna**	**CCB**
April 11th 2017	NSF S2I2	1	0		
April 20th 2017	NSF S-STEM	1 from each college	1	**Paulette Clancy**	**CBE**
April 21st 2017	FFAR New Innovator	2	2	**Ali Abbaspourrad** **Samuel Alcaine**	**Food** **Food**
May 1st 2017	NIH Data Science Research: Personal Health Libraries for Consumers and Patients (R01)	1	0		
May 2nd 2017	NSF TIPOFF	1	0		
May 5th 2017	DOE Plasma Science Facilities	2	0		
May 24th 2017	NIH Maximizing Access to Research Careers Undergraduate - Student Training in Academic Research (MARC U-STAR) (T34)	1	2	**Susan Daniel** Marjolein van der Meulen	**CBE** BME
May 25th 2017**	NIGMS Research Initiative for Scientific Enhancement (RISE) (R25)	1	0		
May 25th 2017**	NIH: Jointly Sponsored Ruth L. Kirschstein National Research Service Award Institutional Predoctoral Training Program in the Neurosciences (T32)	1	0		
May 31st 2017	NIH Team-Based Design in Biomedical Engineering Education (R25)	1	0		