

University Research Committee - Oakland University
Annual Report: 2015-2016
 (Recipient: senate@oakland.edu)

Charge

To encourage and promote scholarship, advanced studies, and research among the faculty and staff of the University. The Committee's responsibilities include, in particular, the evaluation of applications for intramural research funds and the allocation of these funds. More generally, they include the protection and development of practices and policies conducive to scholarly activity.

Membership

Dinda, Sumit (SHS, Biomedical Diagnostic, 1 year replacement) 2015-2016
 Dvir, Arik ((Vice Provost for Research) ex-officio, non-voting, 2015-XXXX
 Fouladbakhsh, Judith (SON, Graduate Council Representative) 2015-2016
 Khain, Evigeniy (CAS, Physics, Graduate Council Representative) 2015-2016
 McGinnis, Deb (CAS, Psychology) 2014-2016
 Mourelatos, Zissimos (SECS, Mechanical Engineering), 2015-2017
 Rodriguez, Julia (Library), 2015-2017
 Sheridan, Karen (CAS, Theatre) 2014-2016
 Smith, Julia (SEHS, Organizational Leadership), 2015-2017
 Yu-Thompson, Yin (SBA, Accounting)
 Zhang, Dao Qi (ERI), 2015-16

Workshop - URC Workshop for Faculty Fellowship Applicants

September 18, 2015, noon

Co-presented by Arik Dvir, Vice Provost for Research, Debra McGinnis, URC Chair, and Susan Willner, Administrative Secretary Office of Research Administration

In attendance: 35 faculty members

Handouts: Actual Slides and the checklist for URC Faculty Fellowship Awards

Meetings

September 21, 2015: Charge, budget overview, confidentiality, RAM & Research website, review processes, and introductions.

October 19, 2015: Budget review due to new contract; Steering Committee Suggestions with agreement to continue discussing (1) term length; (2) more specific criteria for future review processes; and (3) increasing specificity of feedback to unfunded faculty. The first five fellowships were discussed.

October 26, 2015 – Discussion of faculty fellowship applications continued.

November 2, 2015 – Discussion continued

November 13, 2015 – Discussion continued

November 16, 2015 – Discussion continued.

November 18 2015 – Discussed and voted on F15 Student Travel / Research Awards via email. Recommended 10 out of 25 applicants. Emailed recommendations to ORA.

November 23, 2015 – Discussion of Faculty Fellowships concluded. Voting took place via emailed spreadsheets. Recommended 27 out of 54 funded based on majority of URC membership endorsing.

Jan 22, 2016 – Agreed to propose an increase in membership to 14; memo to be sent to Senate Steering Committee. Agreed to propose an increase in research award to 3000 from 1200.

Feb 12, 2016 – Discussion and review of Faculty Research Awards. Best 13 identified. Voting via email for 3 additional awardees from the nine applications in the next tier. Research Excellence Award – Discussion pertained to the receipt of only one application, which did not meet minimum

criteria. (Later – the provost extended the deadline until March 10th at 5 PM so that an awardee could be identified. This was one day before our meeting on March 11th, 2016.)

Feb 24, 2016 – Review of Winter 2016 Student Travel/Research Awards begins via email. On March 4th, we recommended that 10 out of 30 be funded. Final vote emailed to the Office of Research Administration

Feb 24, 2016 – Emailed the list of 16 Faculty Research Awards to be funded to the Office of Research Administration.

March 11, 2016 – Discuss and Vote on New Investigator and Research Excellence Awardees (deadline extended so more applications could be considered – see above). Discussion of membership increase proposal. Presentation of report from Julia Rodriguez regarding open access reimbursement process being developed by the library. The URC will not be involved in the library processes, but future chair should be aware that these options exist.

April 15, 2016 – President’s Colloquium Discussion and Vote. Voted to recommend Scott Pickett. Provost and president advised expeditiously.

Significant Topics of Discussion

- Research Excellence Award – application deadline extended this year from January 25 to February 1 due to lack of applicants. However, there were no viable applications as of February 12. The Provost decided to re-open the application process on February 24th, concluding on March 10th at 5 PM just before our March 11th URC Meeting.
- Faculty New Investigator Research Excellence Award – application deadline extended this year from January 25 to February 1 due to lack of applications.
- Student Research Awards – we received over 50 applications for Student Research, and funded 20. A notice was added last year about the increase in competitiveness, and with a first author preference, but we still received a large quantity of applications. The majority of these awards are for travel.
- Membership Increase. After much discussion, the URC membership voted to recommend an increase to twelve members. This memo was forwarded to the Senate Steering Committee in April 2016.

Membership for 2016-2017 (Continuing)

Mourelatos, Zissimos (SECS, Mechanical Engineering), 2015-2017

Rodriguez, Julia (Library), 2015-2017, President

Smith, Julia (SEHS, Organizational Leadership), 2015-2017

Yu-Thompson, Yin (SBA, Accounting)

Zhang, Dao Qi (ERI), 2015-2017

In Appreciation

As chair, I am incredibly appreciative for the assistance provided by Sue Willner, Office of Research Administration.

Respectfully submitted by:

Deb McGinnis, Ph.D., Department of Psychology

URC Chair, 2015-2016

May 4, 2016

UNIVERSITY RESEARCH COMMITTEE

**Award Summary – 2015-2016
July 1, 2015 – June 30, 2016**

Applications	Approved	Denied	Total
Faculty Research Fellowship Award	28	25	53
Faculty Research Award	16	14	30
Meadow Brook Hall Conference	1	1	2
Student Travel Award	15	26	41
Student Research Award	3	4	7
Faculty Books and Reprints	2	0	2
President Colloquium Series	1	8	9
Faculty Research Excellence Award	1	5	6
New Investigator Research Excellence Award	1	2	3
	68	85	153

URC Funding	
Carryover from FY2014	8,329
Faculty Budget Allocation	300,000
Student Budget Allocation	7,200
Expired Awards	5,956
Total Budget	321,485
Faculty Research Fellowship Award (28)	280,000
Stipend Fringe (2.4% of stipend amount)	5,116
Faculty Research Award (16)	18,381
Meadow Brook Hall Conference	3,000
Faculty Books and Reprints (2)	600
President Colloquium (President Funds)	0
Faculty Research Excellence Award (Provost)	0
New Investigator Research Excellence Award (Provost)	0
Student Research Award (3)	1,200
Student Travel Award (15)	6,185
Total Funded URC Awards	314,378
Carryover to next FY	7003

Faculty Research Fellowship Awards (N=28)		
Benz, Teresa	Sociology & Anthropology	Out of Necessity: The Dialectics of Gun Carry in Detroit
Burrington, Lori	Sociology & Anthropology	Neighborhood Effects on Adolescent Alcohol Use: Does Familiarity Breed Complacency?
Chavez, Ferman	Chemistry	DNA/RNA-Assisted Self-Assembly of Nanostructures
Corso, John	Art & Art History	Sheila Pepe: Shadows of Affect
Dallo, Florence	Health Sciences	Does Pay-for-Performance Improve Diabetes Preventive Care Measures? The Case for Arab, Asian, non-Hispanic black, and non-Hispanic white Patients in Michigan
Demsky, Caitlin	Management & Marketing	Daily Workplace Incivility: Effects on Employee Well-Being
Escobar, Martha	Psychology	Learning and memory consequences of chemotherapy treatment
Fredericks, Erik	Computer Science & Engineering	Exploring Run-Time Assurance Techniques in Adaptive Embedded Systems
Freed, Joanne	English	Fun Progressive Fiction: Politics, Pleasure, and the New American Middlebrow
Hastings, Derek	History	Nationalism in Modern Europe: Identity and Belonging Since the French Revolution (2015)
Kattner-Ulrich, Elizabeth	Music, Theatre & Dance	Transnational Trends in Modern Dance: Mary Wigman, Hanya Holm and the Birth of a New Art Form
Krendell, Brendan	English	Urban Developments: Cities and Cinema at the Turn of the Twenty-First Century
Li, Li	Mathematics & Statistics	Bases in Cluster Algebras and their Geometries and Combinatorics
Li, Yan	History	One World, One Language, One Alphabet: Soviet Influence on China's Language Education and Reform, 1949-1958
Liu, Zijuan	Biology	Regulation of Osteoarthritis by ZIP8
Meehan, Albert	Sociology & Anthropology	Data Bias Problems with Police Camera-Car Archives: Examining Officer Compliance with Policy Regarding Microphone Use
Naus, James	History	Multiplicity and Transformation: Reevaluating Crusader Motivations in the Central Middle Ages
Raffel, Thomas	Biology	Using metabolic theory to predict human schistosomiasis exposure
Shaerf, David	English	Call Us Ishmael - A Moby-Dick Documentary
Sifonis, Cynthia	Psychology	Examining Game Play Transfer and the Development of Sense of Place in an Augmented Reality Game
Song, Mi Hye	Biology	The Role of RNA and RNA-Binding Proteins Linking Centrosome Assembly and Human Diseases
Steffy, Daniel	Mathematics & Statistics	Fast and Accurate Computation of Cutting Planes for Mixed-Integer Programming
Taku, Danako	Psychology	Effects of Mortality Salience and Personality on Posttraumatic Growth and Group Entitativity
Tomlin, Kasaundra	Economics	Assessing the Efficacy of Consumer Boycotts of U.S. Target Firms: A Shareholder Wealth Analysis
Trivedi, Evan	Chemistry	Detection of Breast Cancer with New Fluorescent Probes
Zeigler-Hill, Virgil	Psychology	The Interpersonal Consequences of Pathological Personality Traits
Zhao, Peng	Mechanical Engineering	Toward Resolving a New Engine Knock: A Mechanistic Study on Stochastic Pre-ignition (SPI) in Spark-ignition Engines
Zhou, Wenjin	Computer Science & Engineering	Quantifying Radiation Toxicity for Brain Tissue Using diffusion imaging: How toxic is the best radiation therapy for brain tumor? Can we recover from it?

Faculty Research Awards (N=16)		
Baillargeon, Claude	Art & Art History	Seeing Behind the Fence in Oak Ridge, Tennessee: The Manhattan Project Photographs of Edward Westcott
Christ, Tanya	Reading & Language Arts	Preparing Teachers for Integrate Digital Literacies into Instruction: A Formative Design Experiment
Gordon, Sheldon	Biological Sciences	Identification of a Corneal Endothelial Cell Surface Protein Involved in Mediating the Restoration of the Cell Layer Following Injury
Hartson, Mary	Modern Languages & Literatures	Casting Spanish Masculinity in a Consumer Age
Kidger, David	Music, Theatre, and Dance	The Ullswater Report and Music at the BBC in the 1930s: Views from Inside and Outside the Corporation
Ludwig, Colleen	Art & Art History	QUIVER: an Interactive, Robotic Costume and Performance
Martic, Sanela	Chemistry	Phosphopeptides and their Link to Reactive Oxygen Species
Navin, Mark	Philosophy	Vaccine Education for Public Health
Patterson, Gregory	Music, Theatre, and Dance	Swingin'Project
Paul, Julia	Nursing	Pilot Study: Application of a Novel Metabolomics Approach to the Study of Venous Ulcer Itch
Pickett, Scott	Psychology	Examining the Relationship between Sleep Disturbances and Emotional Reactivity in Participants with Posttraumatic Stress Disorder
Stone, Mark	Music, Theatre, and Dance	Gyl Goba Xylophone Initiation in Ghana
Temple, Walter	Modern Languages & Literatures	Cartographies of Desire and Melancholy in the Contemporary Films of France and the Maghreb
Thayer Jonutz	Music, Theatre, and Dance	Bringing the Art of Dance to Pontiac Schools
Vanderkaay, Cody	Art & Art History	Funding Request to Professionally Frame Artwork
VanKooten, Crystal	Writing & Rhetoric	Looking and Listening for Multiple Literacies and transfer through Video in the Writing Classroom

Meadow Brook Hall Conference Award		
Daniel Steffy, Ph.D.	Mathematics and Statistics	INFORMS: Southeast Michigan Symposium 2016

Faculty Awards (funded by the President and Provost Offices)		
President's Colloquium	Scott Pickett, Ph.D., Psychology "Sleeping on It: The Role of Sleep in Emotional Health"	\$1,000
Research Excellence Award	Lianxiang Yang, Ph.D., Mechanical Engineering Nominated by Brian Sangeorzan, Ph.D., Mechanical Engineering	\$2,500
New Investigator Award	Courtney Brannon Donoghue, Ph.D. Nominated by Kevin Grimm, Ph.D., English	\$1,500

Faculty Books and Reports Reimbursement		
Thomas Raffel, Biology	Journal: Freshwater Science	\$300.00
Rasul Chaudry, Biology	Journal: Stem Cell Research & Therapy	\$300.00

Student Travel and Research Awards (N=18)	
Student Awardee Mentor	Title
Amera Almusharrf Meir Shillor, Mathematics & Statistics	On the Logistic Equation with Two Delays.
Brittany Ventline Cynthia Sifonis, Psychology	Musical task and Need for Cognition Examined in Job Performance
David Kahn Yang Xia, Physics	Microscopic MR Imaging and Polarized Light Microscopy of Hypertrophic Articular Cartilage
Jenna Blankenship Paul Kukicek, Political Science	Gender Equality Through Democratization
Kelly Hallman Sumit Dinda, Biomedical Diagnostic & Therapeutic Sciences	The Effects of Black Cohosh (BC) on Progesterone Receptor (PR) and BRCA1 in T-47D Breast Cancer Cells
Marcell Brikho Fabia Battistuzzi, Biological Sciences	Outgroup Effects in Phylogenetic Tree Construction
Megan Kaster Evan Trivedi, Inorganic Chemistry	Fluorinated Phthalocyanines as Dual-Mode Fluorescent and MRI Contrast Agents.
Mingyuan Tao Peng Zhao, Mechanical Engineering	Prediction of two-stage ignition of primary reference fuels using a staged Livengood-Wu correlation under homogeneous reciprocating engine conditions
Monica Ybarra Ami Harbin, Philosophy	No Good Deed: An Account of the Virtue of Self-Interest
Monika Molenda Ferman Chavez, Bioinorganic Chemistry	Degradation of aromatic hydrocarbons by functional and structural models of iron-containing dioxygenases
Nofe Al-asuoad Meir Shillor, Mathematics & Statistics	Mathematical model and simulations of MERS outbreak
Poornima Venkat Bradley Roth, Physics	A multiple microinfarction based animal model for vascular dementia.
Priscilla Ghita Cristian Cantir, Political Science	The Conversion of an Empire: William Wilberforce as Norm Entrepreneur
Sarah Jahimiak Robert Fink, Counseling	The Effects of a Structured Art Group Experience on Wellness Levels of University Students.
Steven Louis Andrei Slavin, Physics	Spin Torque Oscillators and Magnetization Dynamics
Wen Wu Bong Gee Jang, Reading and Language Arts	Dimensions of Chinese Adolescent Readers' Reading Motivation and Their Relations to Reading Engagement and Reading Achievement
Whitney Dominick Kanako Taku, Psychology	Compassion versus Strength: Cultural Disparities in Perceptions of Personal Growth
Yael Sela Todd Shackelford, Psychology	Individual Differences in Romantic Relationships