

Interoffice Memorandum

To: Michelle Piskulich, Associate Provost

From: Chris Clason, Chair, University Research Committee 2013-2014

Date: June 27, 2014

Re: URC Annual Report

Membership: the University Research Committee (2013-2014) consisted of the following members:

Henry Aigbedo, SBA – Decision and Information Science

Miles Brown, CAS – Music, Theater and Dance

Ferman Chavez, CAS – Chemistry

Tianxu Chen, SBA – Management

James Cipielewski, SEHS – Reading and Language Arts

Christopher Clason, CAS - Modern Languages and Literatures, Chair

Kris Condic, Kresge Library

Jennifer Lucarelli, SHS

Xia Wang, SECS – Mechanical Engineering

Steven Wright, CAS - Mathematics and Statistics

Meetings: the committee met on October 9, 22, and 28, and November 7 and 8 during the Fall Semester, and in the Winter Semester the committee met on January 19, February 4 and 14, and April 9. Each meeting lasted approximately two hours. The business conducted by the committee is summarized on the attached report prepared by the Office of Research Administration.

Funding Student Applications: For a number of years, the URC has funded student applications for travel and research. For this purpose, Oakland has placed \$4,000 at the disposal of the University Research Committee. This year, the amount funded totaled \$20,033. The balance of funding has been drawn from the funds negotiated in the faculty contract with Oakland University, restricted to only faculty represented by the bargaining agreement. The

committee established a subcommittee of four members, in order to make a determination regarding these funds. The subcommittee found that the URC cannot use faculty-negotiated funds to support student grants, since this violates the faculty contract (paragraph 168 states the following: "Faculty research fellowships and grants shall be awarded only to bargaining unit members for the support of their research or other scholarly/creative activities deemed appropriate by the University Research Committee."). The funding of student research and or travel beyond the \$4,000 specifically budgeted to that purpose would be contingent upon other sources of funding. The subcommittee recommends that the Research web site be modified to reflect these limitations.

Honors: The following honors and awards were made by the University Research Committee:

Research Excellence Award: Terri Orbuch, Department of Sociology and Anthropology.

New Investigator Research Excellence Award: Yuejian Wang, Department of Physics.

Meadow Brook Conference Grant: Libin Rong, Department of Mathematics and Statistics.

President's Colloquium: Kathleen Pfeiffer, Department of English.

Membership for 2014-2015: the following members should be replaced on the URC for the coming year:

Miles Brown (end of 2-year term)

Christopher Clason (end of 3-year term)

Jennifer Lucarelli (end of 2-year term)

Xia Wang

URC

UNIVERSITY RESEARCH COMMITTEE

Professor Christopher R. Clason, Chair

Award Summary for Fiscal Year 2014

July 1, 2013 – June 30, 2014

Comparison of applications received and funded by the URC during this Fiscal Year

Applications	Approved	Denied	Total
Faculty Research Fellowship Award	22	34	56
Faculty Research Award	15	2	17
Meadow Brook Hall Conference	1	0	1
Student Research Award	5	1	6
Student Travel Award	48	4	52
President Colloquium Series	1	15	16
Faculty Research Excellence Award	1	3	4
New Investigator Research Excellence Award	1	3	4
TOTAL	94	62	156

UNIVERSITY RESEARCH COMMITTEE

Award Summary for Fiscal Year 2014

	Budget	Awards	Balance
Faculty Budget Allocation	260,000		
Student Budget Allocation	4,000		
Carryover Balance from Prior Years	<u>15,969</u>		
Total Budget	\$279,969		
Faculty Research Fellowship		219,861	
Faculty Fringe Benefits		3,512	
Faculty Research Award		17,398	
Faculty MBH Conference Support		3,000	
Faculty Books, Reprints, Page Charges		1,568	
Student Research Award		2,020	
Student Travel Award		<u>18,013</u>	
Total URC Awards		\$265,372	
URC Balance			<u>\$14,597</u>

Faculty	Department	FACULTY FELLOWSHIP AWARDS	Award Amount
Arthur Bull	Chemistry	Distal Metabolites of Linoleic Acid Oxidation: Activation or Inactivation Pathway?	9,961
Edith Chopin	Chemistry	Fate of Tungsten in Winter-Affected Calcareous Roadside Soil Environments	10,000
Erin Comartin	Sociology and Anthropology	Understanding the Creation of "Less Punitive" Policies for Juvenile Sex Offenders	10,000
Greg Felton	Chemistry	Earth-Abundant Metal Compounds for the Conversion of Carbon Dioxide into Fuels	10,000
Andrew Goldberg	Eye Research Institute	Regulation of Photoreceptor Renewal	9,900
Mary Hartson	Modern Languages and Literatures	Masculinity in the "Forgotten Cinema" of Dictatorship Spain	10,000
Jeffrey Heisler	Music, Theatre and Dance	Images: New Music for Saxophone (Jeffrey Heisler, Saxophone)	10,000
Niels Herold	English	Shakespeare Play-Production in Prison Theatre as a Statistically Proven Agency for Inmate Rehabilitation	10,000
Bong Gee Jang	Reading and Language Arts	Multiple Dimensions of Adolescents' Reading Attitudes and Achievement	10,000
Angela Kaiser	Sociology and Anthropology	Where are the Muslims? Social and Political Engagement of American Muslims in Metropolitan Detroit	10,000
Sanela Martic	Chemistry	How Can We Prevent Cancer: DNA-tau Complex as a Safety Shield?	10,000
Craig Martin	History	Global Science Before Global Networks: The Context of Francis Bacon's History of the Winds	10,000
Valerie Palmer Mehta	Communication and Journalism	Persuasion, Power, and the Obituary Genre: A Feminist Rhetorical Analysis of Andrea Dworkin's Obituaries	10,000
Sean Moran	History	Eriugena, Berkeley, and Irish Philosophical Exceptionalism	10,000
James Naus	History	Constructing Kingship: The Capetian Monarchs of France and the Early Crusades	10,000
Mark Navin	Philosophy	Values and Vaccine Refusal	10,000
Kuniko Nielson	Linguistics	Phonetic Imitation by Children with Speech and Language Disorders and Autism Spectrum Disorders	10,000
Yazan Roumani	Decision and Information Science	Modeling Patient Flow in a Network of Intensive Care Units (ICUs)	10,000
Steven Stanton	Management and Marketing	Testosterone's Influence on Consumer Decision Making	10,000
Elizabeth Kattner Ulrich	Music, Theatre and Dance	Stars and Stripes: Two Immigrant Choreographers and the Transformation of American Dance	10,000
Jennifer Vonk	Psychology	Cooperative and Pro-Social Behaviors in Various Bat Species	10,000
Wenjin Zhou	Computer Science	The Full Electron Structure of CypA/CsA Complex: Why is CsA Effective in Organ Transplant Patients? Can We Design Better Drugs?	10,000

Total Faculty Fellowship Awards \$219,861

Faculty	Department	FACULTY RESEARCH AWARDS	Award Amount
Claude Baillargeon	Art and Art History	Sighting Trinity: Photography and the Dawn of the Nuclear Era in New Mexico	1,200
Courtney Donoghue	English	Local Hollywood and Brazilian Film Cultures	1,200
Dana Driscoll	Writing and Rhetoric	Centering RAD Research Practice: Examining and Supporting Writing Center Directors Nationally	1,200
Joanne Freed	English	Is the Post- in Postcolonial the Post- in Post race: The Politics of Form in the Twenty-First Century	1,200
Darlene Groomes	Human Development and Child Study	VR Performance Management and Quality of Life for Citizens with Disabilities Study with the State of Colorado's Division of Vocational Rehabilitation	1,200
Thayer Jonutz	Music, Theatre, and Dance	Amorphousness	1,200
Andrea Kozak	Psychology	Demonstrating the Feasibility of Collecting Objective Measures of Obesity	1,200
JiEun Lee	Teacher Development and Educational Studies	Prospective Teachers' Mathematics Learning Experiences through Collaborative concept Study	1,198
Rebecca Leigh	Reading and Language Arts	Attend 2014 Society of Children's Book Writers and Illustrators	600
Yan Li	History	In Search of a Socialist Modernity: Soviet Culture in Twentieth-Century China	1,200
Colleen Ludwig	Art and Art History	Touch Hunger	1,200
Doris Plantus	English	Second Book of Sihastrul	1,200
Jo Reger	Sociology and Anthropology	Music in the Second Wave Generation of the U.S. Women's Movement	1,200
Mark Stone	Music, Theatre, and Dance	Contemporary World Music, Research Performances in Uganda and India	1,200
Michael Vaughn	English	Burning Down the House	1,200

Total Faculty Research Awards \$17,398

Faculty	Department	MEADOW BROOK HALL RESEARCH AWARD	Award Amount
Libin Rong	Mathematics and Statistics	Applied Mathematics Conference 2014	3,000

Total MBH Research Conference Award \$3,000

Faculty	Department	FACULTY BOOKS AND REPORTS	Award Amount
G. Rasul Chaudhry	Biological Sciences	Gold Nanoparticles Inhibit Differentiation of Embryonic Stem Cells	200
Rebekah Farrugia	Communication and Journalism	Beyond the Dance Floor	134
Gary McDonald	Mathematics and Statistics	An Application of Bayesian Inference on the Modeling and Estimation of Operational Risk using Banking Loss Data	200
Erin Meyers	Communication and Journalism	Dishing Dirt in the Digital Age: Celebrity Gossip Blogs and Participatory Culture	233
Justin Remeselnik	English	New Photography Motion(less) Pictures: The Cinema of Stasis	188
Hussein Tarraf	Accounting and Finance	Impact of Risk Taking on Bank Financial Performance During 2008 Financial Crisis	200
Michael Vaughan	English	Where Film Meets Philosophy: Godard, Resnais, and Experiments in Cinematic Thinking	213
Yin Yu	Accounting and Finance	Does the History of Ex-ante Abnormal Earnings Growth Forecasts Affect Earnings Response Coefficient	200

Total Faculty Book and Report Awards \$1,568

Faculty	Department	OTHER FACULTY AWARDS	Award Amount
Yuejian Wang	Physics	Faculty New Investigator Research Excellence Award Nominated by Bradley Roth	1,500
Terri Orbuch	Sociology and Anthropology	Faculty Research Excellence Award Nominated by Albert Meehan	2,500
Kathleen Pfeiffer	English	Faculty President's Colloquium Series Award	1,000

Total Other Faculty Awards \$5,000
Funded by the President and Provost Offices

Student	Department	STUDENT RESEARCH AWARDS	Mentor	Award Amount
Andrew Bacyinski	Physical Therapy	The Public's Knowledge of the Physical Therapy Profession: A Survey of Outpatient Orthopedic Patients in SE Michigan	Patricia Wren	500
Nicole Barbaro	Psychology	Project ARC (Attitudes, Recycling, and Cognition)	Scott Pickett	300
James DeWitte	Health Sciences	A Qualitative Study of Disordered Eating and Body Image in College Athletes	Jennifer Lucarelli	500
Saif Findakly	Health Sciences	Estimating the Prevalence of Eating Disorders Among College Students	Jennifer Lucarelli	500
Blake Vostrirancky	Exercise Science	The Psychological Effects of Preferred Music on the Perception of Exercise Exertion and Enjoyment During a Maximum Graded Exercise Test	Brian Goslin	220

Total Student Research Awards

\$2,020

Student	Department	STUDENT TRAVEL AWARDS	Mentor	Award Amount
Mohamad Abdallah	Mathematics and Statistics	Hamiltonian Edge-Connectivity of Cayley Graphs Generated by 2-Trees	Eddie Cheng	400
Almera Almusharrf	Mathematics and Statistics	Fall Southeastern Sectional Meeting, University of Louisville, Kentucky	Laszlo Liptak	400
Daniel Arnold	Education and Human Services	The Impact of Socioeconomic Status on Academic Achievement for Students	Tom Giberson	400
Alissa Bandalene	Chemistry	Biochemical Conversions of Metabolic Byproducts with Regenerative Sustainable Life Support Systems in Space	John Seeley	400
Nicole Barbaro	Psychology	Mindfully green: Predicting pro-environmental behaviors through mindfulness and environmental concern	Scott Pickett	400
Stephen Bazinski	Mechanical Engineering	The Influence of Applied Pressure on the Heat Generation in a Large Lithium-Ion Pouch Cell	Xia Wang	400
Lubjana Beshaj	Mathematics and Statistics	AMS Spring Meeting, Tennessee, March 21-23, 2014	Tony Shaska	400
Anais Brown	Biological Sciences	Models of Evolutionary Rate Variation in Prokaryotes	Fabia Battistuzzi	400
Ashley Curran	English	Witnessing the Miracle: Naming and Intertextuality in David Copperfield and The Cider Hour Rules	Natalie Cole	400
Marc Dubuis	Political Science	Resource Diversification and the Tenure of Autocrats	Matthew Fails	400
Jose Esteves	Chemistry	Electrochemical Detection of Tau Monomer and Dimer	Sanela Martic	400

Student	Department	STUDENT TRAVEL AWARDS	Mentor	Award Amount
Susan Gleich	English	Sigma Tau Delta 90 th Annual Convention, a Selective International Undergraduate Conference	Joanne Lipson Freed	400
Ellen Hailey	Political Science	Natural Resource Wealth and Human Development	Matthew Fails	400
Thomas Hayman	Mathematics and Statistics	Complete Characterization of the All-Different-Except-Zero Predicate	Serge Kruk	400
Xiang He	Electrical and Systems Engineering	WiFi iLocate: WiFi Based Indoor Localization for Smartphone in IEEE WTS 2014 Conference	Jia Li	400
Debi Hoggatt	Educational Leadership	Transforming Identities: From Teacher to Teacher Leader	Cynthia Carver	400
Evan Jones	Political Science	Beijing's L'esprit De L'escalier Policy: Domestic Sources of South China Sea Politics	Cristian Cantir	400
Sunil Kandel	Physics	Effect of Different Currents and Extracellular Potassium Ion Concentration on Anodal Excitation of Cardiac Tissue	Bradley Roth	400
Andrew Kurecka	Health Sciences	American Public Health Association Conference	Florence Dallo	400
Leah LaLonde	Psychology	Effects of Priming the Shared Traumatic Experiences on Posttraumatic Growth	Kanako Taku	400
Ji-Hyun Lee	Physics	Significant Influences of Loading on MRI T2 Quantification in Cartilage Sub-tissue Zones at High Resolution	Yang Xia	400
Drew Lewis	Political Science	European Union Response to Askew European National Governments	Cristian Cantir	400
Drew Lewis	Political Science	ISA Midwest Conference 2013 Presentation	Cristian Cantir	400
Catherine Lieder	College of Arts and Sciences	You Don't Have to be Anything but Who You Are: Queering the Fluid Self in Garcia's Albert Nobbs	L. Bailey McDaniel	75
Taraneh Matloob	Reading and Language Arts	Mask and Veil: Representations of Dual Identity in Art Spiegelman's Maus and Marjane Satrapi's Persepolis	Linda Pavonetti	400
James Matusik	Business Administration	The Impact of Confucianism Towards Working Overtime in Asian Workplaces	Jae Kang	400
Kellie McGuire	Psychology	Effects of Priming the Shared Traumatic Experiences on Posttraumatic Growth	Kanako Taku	400
Molly McGuire	Psychology	Presentation of Aesthetic Preferences in Adult Gorillas at the Cognition, Enrichment, and Collaboration Conference at Zoo Atlanta	Jennifer Vonk	400
Robert Mey	Writing and Rhetoric	Writing Knowledge and Successful Academic Composition	Dana Driscoll	400
Claire Nicolas	Psychology	Women's Consideration and Acceptance of Cosmetic Surgery Across the Menstrual Cycle	Lisa Welling	400

Student	Department	STUDENT TRAVEL AWARDS	Mentor	Award Amount
Nicholas Niewolak	Health Sciences	American Public Health Association Annual Meeting	Rebecca Cheezum	400
Megan Novak	English	Masculine Fathers and Absent Mothers: Deconstructing the Female Bitch Character in Edward Albee's "Who's Afraid of Virginia"	L. Bailey McDaniel	75
Dana Parke	Political Science	Foreign Aid and Women's Rights: How Donor Characteristics Determine Recipient Outcomes	Byungwon Woo	400
Dana Parke	Political Science	The European Union and Humanitarian Intervention: The Case of Darfur	Paul Kubicek	400
Alex Pieters	Health Sciences	Inaudible Blood Pressure Readings Among Collegiate Athletes Using Auscultatory Measurement	Sara Arena	250
Jeffrey Prince	Psychology	Pro-Social Behavior Contexts as Opportunities to Support Adolescent Narcissistic Tendencies of Youth	Mary Lewis	400
Karimah Dhul Qarnayn	Mathematics and Statistics	AMS, Fall Southeastern Sectional Meeting, University of Louisville, Kentucky	Meir Shillor	400
Micho Radovnikovich	Electrical and Systems Engineering	Elliptic Curve Cryptography Coprocessor for Mobile Ad-Hoc Networks	Debatosh Debnath	400
Nathan Reiber	English	Josiah Warren and Godwinian Individualism	Jeffrey Insko	400
Adrianna Sesi	Psychology	The Link Between Mindfulness and Distress Tolerance	Andrea Kozak	400
Donya Shodja	Biological Sciences	RNA Binding Protein 48 (RBM48) is Critical for Maize Endosperm Development and Plant Viability	Shailesh Lal	400
Rami AbouSleiman	Engineering and Computer Science	Energy-Efficient Routing for Electric Vehicles Using Metaheuristic Optimization Frameworks	Osamah Rawashdeh	400
La Toi Smith	Counseling	The Power of Mentorship in the Lives of African American Women in Doctoral Programs to Improve the Human Condition	Thomas Blume	400
Kaelie Thompson	English	2014 Society for Cinema and Media Studies Conference	Kyle Edwards	400
Zoe Johnson-Ulrich	Psychology	Spatial Representation of Quantities by American Black Bears and Western Lowland Gorillas	Jennifer Vonk	400
Brandy VanLoo	Mathematics and Statistics	Mathematical Model of Chagas Disease	Anna Spagnuolo	75
Dipanshu Walia	Biological Sciences	Pathogenicity Properties of Carbapenemase (KPC) Producing Klebsiella Pneumoniae OU11 Isolated from Urban Clinton River Water in Michigan	Satish Walia	400
Rose Wedemeyer	Educational Leadership	Latino Student Experiences at Hispanic Serving Institutions	Julia Smith	338

Total Student Travel Awards

\$18,013