

**UNIVERSITY OF CALIFORNIA
SAN DIEGO DIVISION OF THE ACADEMIC SENATE
REPRESENTATIVE ASSEMBLY**

[see pages 2 and 3 for Representative Assembly membership list]

NOTICE OF MEETING

**Tuesday, October 14, 2014, 3:30 p.m.
Garren Auditorium, Biomedical Sciences Building, 1st Floor**

ORDER OF BUSINESS

	<u>Page</u>
(1) Minutes of Meeting of June 3, 2014	4
(2-7) Announcements	
(a) Chair Gerry Boss	Oral
(b) Chancellor Pradeep Khosla	Oral
(c) Bruce Dunn, Associate Dean, University Extension	Oral
(d) Trevor Buchanan, Senate Staff	Oral
(8) Special Orders	
(a) Consent Calendar	
Committee Annual Reports	
• Committee on International Education	11
• Committee on Research	13
• Graduate Council	20
• Undergraduate Council	23
(9) Reports of Special Committees [none]	
(10) Reports of Standing Committees [none]	
(11) Reports of Faculties	
(a) Revelle College Faculty	
• Proposed revision to Division Bylaw 605, Academic Requirements of Revelle College	25
(b) Warren College Faculty	
• Proposed revision to Division Bylaw 620, Academic Requirements of Warren College	27
(c) Eleanor Roosevelt College Faculty	
• Proposed revision to Division Bylaw 625, Academic Requirements of Eleanor Roosevelt College	29
(d) Sixth College Faculty	
• Proposed revision to Division Bylaw 630, Academic Requirements of Sixth College	30
(12) Petitions of Students [none]	
(13) Unfinished Business [none]	
(14) New Business	

REPRESENTATIVE ASSEMBLY 2014-2015 MEMBERSHIP

Ex Officio Members:

Chair of Division	Gerry Boss
Chancellor	Pradeep Khosla
Vice Chair of Division	Robert Continetti
2013-14 Chair of Division	Kit Pogliano
Chair, Committee on Academic Personnel	Steven Briggs
Chair, Committee on Admissions	Madeline Butler
Chair, Committee on Diversity and Equity	Daniel Widener
Chair, Committee on Campus Community Environment	Raymond DeCallafon
Chair, Committee on Committees	Doris Trauner
Chair, Educational Policy Committee	Kaustuv Roy
Chair, Undergraduate Council	Leslie Carver
Chair, Committee on Faculty Welfare	John Eggers
Chair, Graduate Council	David Salmon
Chair, Committee on Planning and Budget	Julian Betts
Chair, Committee on Privilege and Tenure	Stefan Tanaka
Chair, Committee on Research	Frank Powell
Member, Academic Council	Joel Dimsdale
Member, Academic Assembly	Susan Narucki
Member, Academic Assembly	Margaret Schoeninger
Executive Vice Chancellor, Academic Affairs	Steven Wasserman
Vice Chancellor, Health Sciences	Suresh Subramani
Vice Chancellor, Marine Sciences	David A. Brenner
Vice Chancellor, Research	Margaret Leinen
	Sandra Brown

	<u>Elected Members</u>		<u>Alternates</u>	
Divisional Representative	Grant Goodall	('16)	Piyush Patel	('15)
	Joanna McKittrick	('16)	Robert Rissman	('15)
Revelle College	Lorraine Pillus	('15)	Brenda Bloodgood	('15)
	Melvin Leok	('15)	Morana Alac	('15)
John Muir College	Lakshmi Chilukuri	('15)	Jelena Bradic	('15)
<hr/>				
Thurgood Marshall College	Stephanie Mel	('16)	Dan Hallin	('16)
	Mark Guirguis	('16)	Robert Cancel	('16)
Earl Warren College				
<hr/>				
Roosevelt College	Charles Tu	('16)		
	Patrick Patterson	('16)		
Sixth College	Michael David	('15)		
	Janis Jenkins	('15)		
Emeritus Faculty	Joseph Watson	('16)	Richard Attiyeh	('16)
Anesthesiology	David Roth	('16)		
Anthropology	Thomas Levy	('16)	Joseph Hankins	('16)
Bioengineering	Kun Zhang	('15)	Peter Wang	('15)
Biological Sciences	Lin Chao	('15)	David Holway	('15)
	Gurol Suel	('15)	Pamela Reinagel	('15)
Cellular & Molecular Med.	Huilin Zhou	('15)	George Sen	('15)
Chemistry & Biochemistry	Tadeusz Molinski	('15)	Robert Pomeroy	('15)
<hr/>				
Cognitive Science	Zhuowen Tu	('16)	Gedeon Deak	('16)
Communication	Natalia Roudakova	('16)	Olga Vasquez	('16)
Computer Science & Engineering	Charles Elkan	('15)	Yuanyuan Zhou	('15)
	Alex Orailoglu	('15)	Pavel Pevzner	('15)
Economics	Christopher Chambers	('15)	Ivana Komunjer	('15)
	Yixiao Sun	('16)	Mark Machina	('16)
Education Studies	Thandeka Chapman	('16)	James Levin	('16)
Electrical & Computer Engineering	Ken Kreutz-Delgado	('16)	Yuan Taur	('16)
	Jie Xiang	('16)		
Emergency Medicine	Stephen Hayden	('15)	Richard Clark	('15)
Ethnic Studies				
Family & Preventive Med.	Anthony Gamst	('16)	Elena Martinez	('16)

History	Sarah Schneewind	('16)	Daniel Widener	('16)
IR&PS	Barry Naughton	('15)	Yasu-Hiku Tohsaku	('15)
Linguistics	Eric Bakovic	('16)	Farrell Ackerman	('16)
Literature	Camille Forbes	('15)	Babak Rahimi	('15)
	Cristina Rivera-Garza	('16)	Daniel Vitkus	('16)
Mathematics	Jeffrey Rabin	('15)	Jason Schweinsberg	('15)
Mechanical & Aerospace Engineering	George Tynan	('15)	Xanthippi Markenscoff	('15)
	Kal Seshadri	('15)	Prab Bandaru	('15)
Medicine				
Music	Amy Cimini	('16)	Stephanie Richards	('16)
NanoEngineering	Liangfang Zhang	('16)	Marc Meyers	('16)
Neurosciences	Thomas Hnasko	('15)	Ronald Ellis	('15)
	Maryann Martone	('16)	Steven Wagner	('16)
Ophthalmology	Linda Zangwill	('15)	Bobby Korn	('15)
Orthopaedics	Sameer Shah	('15)	Simon Schenk	('15)
Pathology				
Pediatrics				
Pharmacology	William Joiner	('15)	Hyam Leffert	('15)
Philosophy	Georgios Anagnostopolous	('16)	Andy Lamey	('16)
Physics	Benjamin Grinstein	('15)	Avi Yagil	('15)
	Jorge Hirsch	('16)	Congjun Wu	('16)
Political Science				
Psychiatry				
Psychology	Tim Rickard	('15)	Leslie Carver	('15)
Radiation Medicine and Applied Sciences				
Radiology	Roland Lee	('16)	Amil Gentili	('16)
	Jiang Du	('16)		
Rady School of Management	Yuval Rottenstreich	('15)	Uri Gneezy	('15)
Reproductive Medicine	Varykina Thackray	('16)	David Natale	('16)
SIO	Kathy Barbeau	('15)	Brad Werner	('15)
	David Stegman	('15)	Yuri Fialko	('15)
	Jennifer Smith	('15)	James Leichter	('15)
	Falk Feddersen	('16)	Terry Gaasterland	('16)
	Kerry Key	('16)	Paterno Castillo	('16)
	Amro Hamdoun	('16)	Andy Allen	('16)
Sociology				
SSPPS	Geoffrey Chang	('16)	Marion Sewer	('16)
Structural Engineering	Petr Krysl	('15)	Hyonny Kim	('15)
Surgery	Clark Chen	('15)	Todd Costantini	('15)
	Brian Eliceiri	('15)	David Rapaport	('15)
Theatre and Dance	Alan Burrett	('15)	Charles Means	('15)
	Liam Clancy	('15)	Patricia Rincon	('15)
Visual Arts	Brett Stalbaum	('16)	Amy Adler	('16)
	Amy Alexander	('16)	Lisa Cartwright	('16)
Advisors:				
Research - General Campus	Amy Tsai	('15)	Alexei Kritsuk	('15)
Research - Health Sciences	David Boyle	('15)	Michael Baker	('15)
Research - Marine Sciences	Adriana Borsa	('16)	Shaun Johnson	('16)
Undergraduate Student				
Undergraduate Student				
Graduate Student				
Graduate Student				

**ACADEMIC SENATE, SAN DIEGO DIVISION
REPRESENTATIVE ASSEMBLY
JUNE 3, 2014
MINUTES**

Chair Pogliano called the meeting to order at 3:33 pm. A quorum was present (see attached attendance sheet), as were other Academic Senate members and guests. Chair Pogliano welcomed members and guests to the meeting and went over who can motion and vote. Chair Pogliano reviewed the Academic Senate Bylaws governing the privilege of the floor and voting. Chair Pogliano introduced guests and reviewed the meeting agenda.

MINUTES OF MEETING OF APRIL 29, 2014

The minutes of the meeting of April 29, 2014 were approved.

ANNOUNCEMENTS BY THE CHAIR OF THE DIVISION

Chair Pogliano began the meeting with an addition to the announcements portion of the agenda. Kim Barrett, Dean of Graduate Studies, will speak about the potential graduate student employee strike. Kim will be joined by Kerry Donnell, Director of Labor Relations.

Chair Pogliano thanked the faculty, staff and administration for their support and participation throughout the year and expressed that it was an honor to represent the UC San Diego faculty systemwide.

Senate Council is wrapping up business, although there are still items coming in for review.

ANNOUNCEMENTS BY THE CHANCELLOR

Chancellor Khosla thanked the faculty for all of their contributions in the strategic planning process and everything else in regards to shared governance. Chancellor Khosla opened the floor for a Q&A session.

A faculty member remarked that the strategic planning process seems to have a disconnect between entrepreneurial risk-taking and the administrative offices and asked how that gap could be closed. Chancellor Khosla responded that any unwarranted bureaucracy should be identified and reported to the Chancellor's or EVC's office. There is now a Strategic Planning Office that will review ideas and suggestions to determine which ones make sense to look at further.

ANNOUNCEMENTS BY SYLVIA LEPE, ASSISTANT VICE CHANCELLOR – CAMPUS BUDGET OFFICE

The economy is currently in a state of recovery, partly due to the tough actions taken by the Governor and the passage of Prop 30. The university is in its second year of a multi-year plan that will provide some stability in the budget. The 2013-14 State budget provides annual increases to UC of 5% for each of the next two years followed by 4% in 2015-16 and 2016-17. The January budget and May revisions included the 5% increase, however, because California is in a state of recovery, the state does have additional funds available. Both the state Senate and Assembly budget bills are coming together. The bills will go in front of the Legislative Budget Conference Committee on June 4, 2014. Both sides of the House will look at overall proposals. \$25 million have been earmarked for California resident student growth, including outreach funding.

Short-term increases in tuition and fee revenue are due to shifts in student populations, and with no tuition and fee increases in the foreseeable future, the campus must rely on other sources of revenue. Gifts to the university are moving in a positive direction. The Medical Center is also growing. Although there are revenue increases, expenditures are also increasing. The budget outlook is still fairly tight, as revenue and expenditure increases continue, expenditures will be much steeper. The university cannot sustain dipping into reserves. The main/biggest expenditures: UCRP, health care costs, competitive compensation, collective bargaining, and debt obligations. The focus on attaining increased revenue to achieve budgetary goals: out of state students, full-time master programs,

and philanthropy. The Budget Office is trying to encourage new revenues for the campus, and will be asking departments to contribute to faculty growth. The campus is looking at a different way of doing business. Growth dollars are going to cover mandatory costs.

ANNOUNCEMENTS BY KIM BARRETT, DEAN – GRADUATE STUDIES

After a year of bargaining, ASE (Academic Student Employees) announced that a strike will take place beginning June 7, 2014. They're claiming that the strike is to address allegations that the university has committed unfair labor practices. They have alleged that academic student employees (TAs) were intimidated and inappropriately docked pay when they did not work during a previous strike. The university denies all allegations.

It is believed that the strike is being as a bargaining tool. At this point, it seems as though the only topic that is not settled is wages. The university has remained hopeful that an agreement can be reached and that the strike scheduled for June 7, 2014 will be called off. In the case that the strike is not called off, faculty should think about contingency plans. It is acceptable for faculty to express to their TAs their concerns over the well-being of the undergraduate students; it is also permissible to ask TAs if they intend to work through the strike. It is not permissible to ask questions in a way that may be perceived as threatening, and faculty cannot make implications that there will be consequences based on their TAs' decisions.

SPECIAL ORDERS

Senate Election Results

Vice Chair Gerry Boss announced the Senate election results for 2014 – 2015. Academic Senate Officers and members of the Committee on Committees are as follows:

Vice Chair (Chair Designate) for a two-year term effective September 1, 2014 through August 31, 2016
[the first year will be served as Vice Chair (Chair Designate) and the second as Chair of the Division]:
Robert Continetti (Chemistry & Biochemistry)

Divisional Representatives to the systemwide Academic Assembly for two-year terms to begin September 1, 2014 through August 31, 2016:
Grant Goodall (Linguistics)
Joanna McKittrick (MAE)

Alternatives Divisional Representatives to the Assembly of the Academic Senate:
Piyush Patel (Anesthesiology)
Robert Rissman (Neurosciences)

Committee on Committees members, each for a three year term, effective September 1, 2014 through August 31, 2017:

Health Sciences:	Wilbur Lew (Medicine)
Scripps Institute of Oceanography:	Lynne Talley (CASPO)
Social Sciences:	Yen-Le Espiritu (Ethnic Studies)

On behalf of the Division, Vice Chair Boss congratulated the winners and thanked all nominees for their willingness to participate in the election.

IR/PS Name Change to School of Global Policy & Strategy

Professor Barry Naughton (IR/PS) presented the Assembly with the proposed school name change from International Relations/Pacific Studies (IR/PS) to the School of Global Policy & Strategy. The name change is a result of strategic planning, and the school's rejuvenating commitment to education. Additionally, the school will be adding two new degrees, one presented during this meeting (Master of Public Policy) and another that is

currently in the pipeline. There will be additional new names/rebranding. There is a strong undercurrent of dissatisfaction with the current name; with some consultation IR/PS came up the name Global Policy & Strategy. Through various studies, it was concluded that “International Relations” is very outdated and that the resonance with “Policy & Strategy” is much stronger.

On behalf of IR/PS, Professor Naughton moved that the school name change be approved as proposed. Chair Pogliano noted that the proposal was reviewed by Graduate Council, Undergraduate Council, Educational Policy Committee, Planning & Budget Committee and endorsed by Senate Council. Chair Pogliano called for a second. Professor Joel Norris seconded the motion. Chair Pogliano called for further discussion of the motion. No comments were made. The motion was approved unanimously by voice vote.

REPORTS OF SPECIAL COMMITTEES [none]

REPORTS OF STANDING COMMITTEES

Committee on Senate Awards – 2013 - 2014 Faculty Research Lecture Award

Chair Pogliano asked Professor Steven Schick (Chair of Committee on Senate Awards) to present the Committee on Senate Awards’ recommendations for the recipients of the Faculty Research Lecture Awards. The nominees for the awards are Kimberly Prather (Department of Chemistry & Biochemistry) and John Wixted (Department of Psychology).

On behalf of the Committee on Senate Awards, Professor Schick moved that the slate of nominees for the Faculty Research Lecture Awards be approved as presented. [Because the motion was made on behalf of a committee, it required no second.] The motion was unanimously approved by a voice vote.

Graduate Council – Specialization in Quantitative Biology (QBIO): New specialization in QBIO in six graduate degree programs: Department of Bioengineering, Division of Biological Sciences, Department of Chemistry and Biochemistry, Department of Physics, Bioinformatics and systems Biology Graduate Program, and Biomedical Sciences Graduate Program

Professor Joel Norris (Chair, Graduate Council) presented the Assembly with the proposed degree. Students will earn their Ph.D. through their home department, but will fulfill additional requirements for the QBIO specialization.

Several questions were asked:

- What is the difference between computational and quantitative biology?
Quantitative biology involves an emphasis on experimentations, while computational biology emphasizes mathematical qualities.
- Which departments will run the courses?
All courses are interdisciplinary, some are new courses and some are existing courses.
- Is it possible for students from other departments to get involved in this program?
Departments would have to submit a proposal to Graduate Council.
- Has there been consultation with all departments?
Interested departments were contacted broadly.

On behalf of the Graduate Council, Professor Norris moved that the Specialization in Quantitative Biology (QBIO) be approved as proposed. [Because the motion is made on behalf of a committee, no second is required.] Chair Pogliano called for further discussion of the motion. No comments were made. The motion was approved by a majority voice vote, with five abstentions.

Graduate Council – Master of Public Policy, IR/PS

Professor Joel Norris (Chair of Graduate Council) presented the Assembly with the proposed degree. The focus of this program is on the analysis of policy making. IR/PS already has a lot of strength in this area of study; this degree is a clear next step for IR/PS.

On behalf of the Graduate Council, Professor Norris moved that the Master of Public Policy be approved as proposed. [Because the motion is made on behalf of a committee, no second is required.] Chair Pogliano called for further discussion of the motion. No comments were made. The motion was approved unanimously by voice vote.

Graduate Council – Ph.D. in Education, Department of Education Studies

Professor Joel Norris (Chair, Graduate Council) presented the Assembly with the proposed degree. Education Studies is a growing department on campus. According to an external review, Education Studies is already operating like a Ph.D. program. The Ph.D. program will be more focused on research than the Ed.D. program was.

On behalf of the Graduate Council, Professor Norris moved that the Ph.D. in Education be approved as proposed. [Because the motion is made on behalf of a committee, no second is required.] Chair Pogliano called for further discussion of the motion. No comments were made. The motion was approved by a majority voice vote, with two opposed and no abstentions.

Graduate Council – MPIA Name Change (to MIA), IR/PS

Professor Joel Norris (Chair, Graduate Council) presented the Assembly with the proposed name change. The motivation behind the name change is that the word “Pacific” in MPIA is too restrictive; alumni surveyed indicated that the new degree title would be simpler and more universal. This is a standard degree title, which will be much clearer and straightforward. There is already a BA/MA program in International Affairs and the curriculum requirements will be exactly the same.

On behalf of the Graduate Council, Professor Norris moved that the MPIA name change to MIA be approved as proposed. [Because the motion is made on behalf of a committee, no second is required.] Chair Pogliano called for further discussion of the motion. No comments were made. The motion was approved by a majority voice vote, with one abstention.

Educational Policy Committee – Proposed Revision to Division Manual Appendix II – UCSD Policy on Integrity of Scholarship [rev.]

Professor Partho Ghosh (Chair, Educational Policy Committee) presented the Assembly with proposed revisions. Proposed revisions to Division Manual Appendix II – UCSD Policy on Integrity of Scholarship were presented to the Assembly at the January 2014 Representative Assembly meeting, but it was concluded that the revisions would go back to the committee for further consideration and input from the Academic Integrity (AI) Office. During reconsideration, a few things were added and the lines of authority and the appeal process were clarified. At the January Representative Assembly meeting, concerns were expressed over the wording in Section VI, Bullet 2. EPC discussed this section and unanimously concluded that the changes to the wording, as originally proposed, should stand. Students are not able to drop or withdraw from a course once a charge is filed at the Academic Integrity (AI) Office, but prior to a charge, the student may drop the course; EPC viewed this as a students’ rights issue.

On behalf of the Educational Policy Committee, Professor Ghosh moved that the revisions to Division Manual Appendix II – UCSD Policy on Integrity of Scholarship [rev.] be approved as proposed. [Because the motion is made on behalf of a committee, no second is required.] The motion was approved unanimously by voice vote.

Committee on Privilege and Tenure – Proposed Revision to Division Bylaw 230 – Privilege and Tenure

Professor Stefan Tanaka (Chair, Committee on Privilege and Tenure) presented the Assembly with proposed revisions. Proposed revisions to Division Bylaw 230 – Privilege and Tenure would eliminate the text that currently

exists. The bylaw is convoluted and incomprehensible. The bylaw is not always consistent with what is practiced. The systemwide bylaws are the principal bylaws and trump local bylaws. Other UC campuses refer to the systemwide bylaws, with specifications for peculiarities on their campus. The committee decided the best thing would be to refer to the systemwide bylaws as the core of the local Privilege and Tenure bylaws. There is now a one page division specific bylaw, which references the systemwide bylaws.

On behalf of the Committee on Privilege and Tenure, Professor Tanaka moved that the revisions to Division Bylaw 230 – Privilege and Tenure be approved as proposed. [Because the motion is made on behalf of a committee, no second is required.] The motion was approved unanimously by voice vote.

REPORTS OF FACULTIES

Sixth College: Division Manual Appendix V – Bylaws of the Faculty of Sixth College

Professor Geoffrey Cook (Member of the Sixth College Faculty Executive Committee) presented the Assembly with proposed revisions. Proposed revisions to Division Manual Appendix V – Bylaws of the Faculty of Sixth College would allow for electronic voting in addition to voting via mail.

On behalf of the Faculty of Sixth College, Professor Cook moved that the revisions to Division Manual Appendix V – Bylaws of the Faculty of Sixth College be approved as proposed. [Because the motion is made on behalf of a faculty body, no second is required.] Chair Pogliano called for further discussion of the motion. No comments were made. The motion was approved unanimously by voice vote.

PETITIONS OF STUDENTS [none]

UNFINISHED BUSINESS [none]

NEW BUSINESS [none]

There being no further business, the meeting adjourned at 5:09 p.m.

Ashley Welch

REPRESENTATIVE ASSEMBLY 2013-2014 MEMBERSHIP

Ex Officio Members:

Kit Pogliano (Chair of Division)
 Pradeep Khosla (Chancellor)
 Gerry Boss (Vice Chair of Division)
 T. Guy Masters (2012-13 Chair of Division)
 Stefan Llewellyn Smith (Chair, Committee on Academic Personnel)
 Thaddeus Kousser (Chair, Committee on Admissions)
 Tara Javidi (Chair, Committee on Diversity and Equity)
 Shahrokh Yadegari (Chair, Committee on Campus Community Environment)
 Farrell Ackerman (Chair, Committee on Committees)
 Partho Ghosh (Chair, Educational Policy Committee)
 James Nieh (Chair, Undergraduate Council)
 John Eggers (Chair, Committee on Faculty Welfare)
 Joel Norris (Chair, Graduate Council)
 Samuel Buss (Chair, Committee on Planning and Budget)
 Stefan Tanaka (Chair, Committee on Privilege and Tenure)
 Isaac Martin (Chair, Committee on Research)
 Emily Roxworthy (Chair, Univ. Committee on Affirmative Action & Diversity)
 Suresh Subramani (Executive Vice Chancellor, Academic Affairs)
 David A. Brenner (Vice Chancellor, Health Sciences)
 Margaret Leinen (Vice Chancellor, Marine Sciences)
 Sandra Brown (Vice Chancellor, Research)

Elected Members [Alternates in square brackets]

Eduardo Macagno / [Todd Kontje] (Divisional Representative)
 Jan Talbot / [Gershon Shafir] (Divisional Representative)
 Steven Wasserman / [] (Divisional Representative)
 / [] (Divisional Representative)
 / [] (Divisional Representative)
 Lorraine Pillus / [Brenda Bloodgood] (Revelle College)
 Melvin Leok / [] (Revelle College)
 Adam Burgasser / [Alan Daly] (John Muir College)
 Lakshmi Chilukuri / [Jelena Bradic] (John Muir College)
 Scott Desposato / [Eva Barnes] (Thurgood Marshall College)
 Arnold Rheingold / [Jacques Verstraete] (Thurgood Marshall College)
 Suzanne Brenner / [Clifford Kubiak] (Earl Warren College)
 Joseph Pogliano / [Samuel Rickless] (Earl Warren College)
 Matthew Herbst / [] (Roosevelt College)
 / [] (Roosevelt College)
 Michael David / [] (Sixth College)
 Janis Jenkins / [] (Sixth College)
 David Miller / [Richard Attiyeh] (Emeritus Faculty)
 / [] (Anesthesiology)
 Steven Parish / [] (Anthropology)
 Kun Zhang / [Peter Wang] (Bioengineering)
 Lin Chao / [Stephan Hedrick] (Biological Sciences)
 Gurol Suel / [Kaustuv Roy] (Biological Sciences)
 Huilin Zhou / [George Sen] (Cellular & Molecular Med.)
 Charles Perrin / [Patricia Jennings] (Chemistry & Biochemistry)
 Tadeusz Molinski / [Robert Pomeroy] (Chemistry & Biochemistry)
 Angela Yu / [Gedeon Deak] (Cognitive Science)
 Morana Alac / [Stefan Tanaka] (Communication)
 Charles Elkan / [Yuanyuan Zhou] (Computer Science & Engineering)
 Alex Orailoglu / [Pavel Pevzner] (Computer Science & Engineering)
 Mark Machina / [Jim Andreoni] (Economics)
 Christopher Chambers / [Ivana Komunjer] (Economics)
 Carolyn Hofstetter / [Thandeka Chapman] (Education Studies)
 James Buckwalter / [Zhaowei Liu] (Electrical & Computer Engineering)
 Young-Han Kim / [Deli Wang] (Electrical & Computer Engineering)
 Steven Hayden / [Richard Clark] (Emergency Medicine)
 Sara Kaplan / [Curtis Marez] (Ethnic Studies)
 Matthew Allison / [Anthony Gamst] (Family & Preventive Med.)
 Tal Golan / [Mark Hendrickson] (History)
 Rachel Klein / [Tom Gallant] (History)

10/29	12/3	1/28	2/25	4/29	6/3
+	+			+	+
		+			+
+	+				+
+	+	+	M	+	+
+	+	+	E	+	+
			E		
			T		
+		+	I		+
			N		
		+	G	+	+
+			C		
	+	+	A	+	+
+	+	+	N	+	
+			C	+	+
	+	+	E	+	+
			L		
+		+	E	+	+
			D		
	+			+	

+	+			+	+
	+			+	+
				+	
[+]	+	+		+	+
	+			+	+
+	+			+	+
+	+	+			
+					
	+				+
+	+	+		+	
	+			+	+
+	+		M	+	+
			E		
+			E		
+	+		T	+	
[+]	[+]	+, [+]	I		
			N		
	+		G	+	+
+	+	+		[+]	[+]
+	+	+	C	+	
+	+		A	+, [+]	+
+	+	[+]	N	[+]	+
+	+, [+]	+	C	+	+
	[+]	+	E	+	+
[+]	[+]		L	[+]	+
	+	+	E		+
			D		
+	+	+		+	+
				[+]	
[+]	[+]				+
[+]		+			+
		+			
+					
+	+			+	+
+				+	
	+	[+]		+	+
		+		+, [+]	+, [+]
+	+	+			

Barry Naughton / [Yasu-Hiku Tohsaku] (IR&PS)
 Gabriela Caballero / [] (Linguistics)
 William O'Brien / [Yingjin Zhang] (Literature)
 Camille Forbes / [Babak Rahimi] (Literature)
 David Meyer / [Patrick Fitzsimmons] (Mathematics)
 Jeffrey Rabin / [Jason Schweinsberg] (Mathematics)
 George Tynan / [Xanthippi Markenscoff] (Mechanical & Aerospace Engineering)
 Kal Seshadri / [Prab Bandaru] (Mechanical & Aerospace Engineering)
 Joachim Ix / [David Smith] (Medicine)
 Connie Benson / [Dianne McKay] (Medicine)
 Katharina Rosenberger (Fall) / [Amy Cimini] (Music)
 Tamara Smyth (Wtr/Spr) (Music)
 Darren Lipomi / [Andrea Tao] (NanoEngineering)
 Robert Rissman / [Maryann Martone] (Neurosciences)
 Thomas Hnasko / [Ronald Ellis] (Neurosciences)
 Linda Zangwill / [Bobby Korn] (Ophthalmology)
 Sameer Shah / [Simon Schenk] (Orthopaedics)
 Henry Powell / [] (Pathology)
 David Pride / [Robert Fitzgerald] (Pathology)
 John Bradley / [Berna Bonsu] (Pediatrics)
 Lynne Bird / [Sheila Gahagan] (Pediatrics)
 William Joiner / [Hyam Leffert] (Pharmacology)
 William Bechtel / [Gerald Doppelt] (Philosophy)
 Olga Dudko / [Oleg Shpyrko] (Physics)
 Benjamin Grinstein / [Avi Yagil] (Physics)
 Samuel Kernell / [Fonna Forman-Barzilai] (Political Science)
 / [] (Political Science)
 Robert Clark / [Wesley Thompson] (Psychiatry)
 Xianjin Zhou / [David Welsh] (Psychiatry)
 Tim Rickard / [Leslie Carver] (Psychology)
 Sunil Advani / [Todd Pawlicki] (Radiation Medicine and Applied Sciences)
 / [] (Radiology)
 / [] (Radiology)
 Yuval Rottenstreich / [Uri Gneezy] (Rady School of Management)
 Alexander Kauffman / [Dwayne Stupack] (Reproductive Medicine)
 Eric Allen / [Kathy Barbeau] (SIO)
 Steven Constable / [Amro Hamdoun] (SIO)
 Philip Hastings / [James Leichter] (SIO)
 Maria (Gabi) Laske / [Andrew Dickson] (SIO)
 Darcy Ogden / [Dean Roemmich] (SIO)
 Lynne Talley / [Brad Werner] (SIO)
 Akos Rona-Tas / [Amy Binder] (Sociology)
 Philip Bourne / [Geoffrey Chang] (SSPPS)
 Petr Krysl / [Hyonny Kim] (Structural Engineering)
 Clark Chen / [Todd Costantini] (Surgery)
 Brian Eliceiri / [David Rapaport] (Surgery)
 Alan Burrett / [Charles Means] (Theatre and Dance)
 Liam Clancy / [Patricia Rincon] (Theatre and Dance)
 Louis Hock / [Ruben Ortiz] (Visual Arts)
 Kyong Park / [Brett Stalbaum] (Visual Arts)

Advisors:

Amy Tsai / [Alexei Kritsuk] (Research - General Campus)
 David Boyle / [Michael Baker] (Research - Health Sciences)
 Julie McClean / [David Chadwell] (Research - Marine Sciences)
 Robby Boparai (Undergraduate Student)
 Andrew Busselt (Undergraduate Student)
 Jordan Gosselin (Graduate Student)
 Rahul Kapadia (Graduate Student)

Key: + present [+] alternate present - not member or advisor at the time of meeting

			M		+
			E		+
			E		
[+]		+	T	[+]	
+	+	+	I	[+]	+
[+]	[+]	[+]	N	+	+
		+	G		
	+			+	+
	+		C		+, [+]
+	[+]	+, [+]	A		
+	[+]	[+]	N		[+]
			C	+	
+		+	E	+	+
+	+, [+]	+, [+]	L	[+]	+
+	+	+	E	+	
		+	D		
	+, [+]	[+]		+	+
	+			+	
+	[+]				+, [+]
+	+	+			
	+	+		+	
+	+	+		+	+
+	+	+		+	+
[+]	+	+		+	+
+	+	+		+	+
+	+	+			+
+	+	+		+	+
		+		+	
			M		
			E	+	
+	+	+	E	+	+
+	+	+	T	+	+
+	+	[+]	I		[+]
+	+	+, [+]	N	+	+
+	+	+	G		+
	[+]	+		+	+
+			C		+
+	+		A		
+, [+]	[+]	[+]	N	[+]	[+]
[+]		+	C	+	+
	+		E		
			L	+	
	+	+	E		+
[+]			D		
[+]					

+		+, [+]		+, [+]	+
[+]	+, [+]	+, [+]		[+]	[+]
+	+	[+]		+	[+]
		+			
+					

**ANNUAL REPORT
COMMITTEE ON INTERNATIONAL EDUCATION
2012-13 and 2013-14**

The Committee on International Education is charged with representing the Division 1) in all matters concerned with the Education Abroad Program (EAP) and 2) in all aspects of international education and exchange. CIE's stable membership for the past two years enabled the Committee to focus on a project which advances international education through study abroad and at UC San Diego.

Representing the Division on EAP:

The Committee monitors EAP through campus representation on the systemwide University Committee on International Education (UCIE). Representation on UCIE, and UC San Diego's Faculty Directors of Programs Abroad (*ex officio members* of CIE), are valuable instruments for faculty to influence academic standards in the Program. Through UCIE, San Diego's representative participated in discussions about changes at EAP which have been influenced by its new funding model, as well as by changes in student interests (to shorter term programs, summer programs, new study centers, and internship opportunities). Systemwide faculty leadership opportunities have been restructured to include more disciplinary and regional advisory boards, fewer Study Center Directors, and new Visiting Professorships.

Representing the Division in international education:

Throughout 2012-14 CIE worked in partnership with the Faculty Directors of the Programs Abroad Office (PAO), the International Center, and the Dean of Undergraduate Education to develop a framework for global concentrations in majors. These concentrations deepen internationalize education across disciplines. This project follows efforts by the Committee to strengthen international education by advocating for language instruction during budget cuts (2011-12), and inclusion of international education in graduate and undergraduate program reviews (2011-12). It also emerged as a priority from two faculty workshops co-sponsored by CIE with the Deans of Graduate Studies and Undergraduate Education in Spring 2012. With regard to undergraduate students, participating faculty were most supportive of an effort to internationalize the curriculum across disciplines.

Responding to this faculty priority, CIE developed a proposal to establish campus-wide criteria for transcribed "global concentrations in majors," an optional requirement within those majors which develop them. The proposal was supported by the Divisions of Engineering and Biological Sciences, and four sample departments in Physical Sciences, Social Sciences, and Arts and Humanities. The Undergraduate Council (UGC) reviewed and endorsed the framework in April 2014. The criteria for "global concentrations" endorsed by UGC are:

- A minimum of eight units earned through study abroad, of which a minimum of four units would count toward the major
- Demonstration of proficiency in a second language through the fourth quarter of university-level instruction
- A minimum of two courses with department- or program-identified global content

Any department or program that wishes to add an optional Global Concentration for its majors will submit a curricular proposal and revised catalog copy to the Undergraduate Council for review. In the coming year, CIE will work with interested departments and programs, the Programs Abroad staff, and the Registrar to develop the process for transcribing these concentrations.

In Winter and Spring 2014 the Committee explored members' interest in international institutional partnerships which have an educational or training component. The Committee postponed further work on this topic until a report is issued by the International Strategy Workgroup.

In Spring 2013 and 2014, CIE members participated in interviews for the Associate and Faculty Directors of Programs Abroad.

CIE submitted proposed revisions to its Bylaws which would expand the Committee's membership and further specify its charge.

Respectfully submitted,

Ann Craig (Political Science), Chair

Eduardo Macagno (Biological Sciences), Vice Chair

Frank Biess (History)

Richard Hauger (Psychiatry)

Joseph Pasquale (Computer Science and Engineering)

Steffanie Strathdee (Medicine)

Gabor Tompa (Theatre)

Christena Turner (Sociology)

Matthew Herbst (Eleanor Roosevelt College and PAO Associate Faculty Director, 2013-14), *ex officio*

Paula Levin (Education Studies and PAO Associate Faculty Director, 2012-13 and PAO Faculty Director, 2013-14), *ex officio*

Sharon Rose (Linguistics and PAO Faculty Director, 2012-13), *ex officio*

October 1, 2014

**ANNUAL REPORT
COMMITTEE ON RESEARCH
FISCAL YEAR 2013/14**

DIVISION COMMITTEE

The Committee on Research (COR) met monthly during the year to consider a number of issues. During the course of these meetings, the following principal issues were addressed and reports were prepared accordingly.

1. Annual Report, Committee on Research, FY 2012/13 - No action needed/taken.
2. By Laws and Charge of COR – No action needed/taken.
3. Role of the Lead Discussant in an Organized Research Unit (ORU) Review – No action taken/needed.
4. Overview of the Organized Research Unit (ORU) Review Process – AVC Miroslav Krstic provided an informative slide presentation on the role of the Academic Senate and COR in the review process.
5. 2nd Quarter International Agreements Report – No action needed/taken.
6. Academic Council Recommendations on Cal ISI Review Process – No action needed/taken.
7. UCORP to Academic Review of the Calit2 External Review of May 2013 – Agreed with positive tone of review; concerned about requirement that dual campus entity seek out a third campus will create a perverse incentive. Recommended that processes preserve distinction between academic review and budgeting.
8. Review of APM 025, 670 & 671 – No objections to proposed changes; welcomed proposed changes as a clarification of the University's policies concerning conflict of commitment.
9. Organized Research Unit: Five Year Review of the Center for Research in Biological Systems (CRBS) – Recommended continuation of the ORU under current leadership.
10. Organized Research Unit: Five Year Review of the Institute of Engineering in Medicine (IEM) - Recommended continuation of ORU and encourage prioritizing finding a suitable successor to the directorship.
11. Organized Research Unit: Five Year Review of the Institute for Neural Computation (INC) - Recommended continuation of the ORU and its current Director.
12. Organized Research Unit: Five Year Review of the Center for Magnetic Recording Research (CMRR) - Recommended continuation of the ORU under its current leadership.
13. Organized Research Unit: Five Year Review of the Center for Chronobiology (CCB) - Recommended continuation of the ORU under its current leadership.
14. Organized Research Unit: Five Year Review of the BioCircuits Institute (BCI) - Recommended continuation of the ORU under its current leadership.
15. Organized Research Unit: Five Year Review of the Center for research in Language (CRL) - Recommended continuation of the ORU and its current Director.
16. Facilities Management Review Committee Report – Objected to some language in the document, but supported many recommendations especially the upgrading and maintenance of campus resources, clear monitoring and enforcement of compliance with those standards, increasing funding for maintenance of campus facilities, and engaging properly trained and capable workforce.
17. Report of the Portfolio Review Group, Cycle 2 - Concerned about the metrics used to evaluate the SDSC services. Recommended that more appropriate metric may be the share of those researchers whose research requires access to secure, large-scale computing resources who make use of the SDSC. Another concern that the metrics used to evaluate the Institute for research on Labor and Employment (IRLE) may have resulted in underestimating systemwide contributions.
18. Proposed Revisions to Presidential Policy on Copyright and Fair Use – Supported implementation of proposed revisions. Recommended bringing website up-to-date and maintaining hyperlinks.
19. Proposed Revisions to the Compendium Review: Universitywide Review Processes for Academic Programs, Academic Units and Research Units – Three recommendations were proposed. First, clarification of the new Section V.C. on MRPs. Second, clarification of the relationship contemplated between MRPs and MRUs. Third, clarification of the definition of “multicampus” as applied to both MRUs and MRPs.

20. Feedback on the Compendium Language – No action needed/taken.
21. Committee on Diversity & Equity Modifications to ORU Policies and Procedures – Endorsed proposal for improved guidance concerning the role of diversity and equity in the ORU review process.
Recommended re-titling the proposed Appendix C as “Best practices for contributions to diversity goals” instead of “Guidelines on (Contributions) to Diversity Goals”.
22. UCORP representative provided reports on the following main issues discussed at the monthly UCORP meetings; no action needed/taken:
 - Lab Safety
 - Intellectual Properties
 - Cross campus enrollment & graduation rate
 - Self-supporting graduate degree programs
 - Unionization of graduate researchers
 - Open Access Policy
 - Portfolio Review Group
 - Compendium
 - MRPI funds
 - Composite benefit rates
 - Summer Salaries
 - Systemwide research funding
 - UC Path
 - Bylaw 55 Change
 - Technology transfer
 - How UC invests
 - Faculty performance metrics
 - Astronomy RFP forthcoming

GENERAL CAMPUS RESEARCH GRANT COMMITTEE

The General Campus Research Grant Committee met on December 3, 2013 and February 18 and May 20, 2014 to review research and bridge grant applications for FY 2013/14. The Committee reviewed the results of the bridge funding grants previously awarded. Based on the progress reports received on these projects, the Committee was convinced of the importance and need for continuation of the Bridge Funding program initiated in FY1995/96. Two calls for bridge funding applications were transmitted. Nine Bridge Funding program applications were reviewed and eight were funded, totaling \$176,563. Applicants were required to demonstrate strong proposals for continuing research programs that had received peer-reviewed extramural funding for at least four of the last five years and, that despite efforts to re-establish funding, were without any funding between June 30 and December 31, 2013. The Committee's evaluation of proposals emphasized the quality of the research, past publication record, and the likelihood of future funding.

The existing policies regarding awards for bridge funding, individual research proposals, travel to scholarly meetings, and the intercampus exchange program were thoroughly reviewed by the Committee and a few notable modifications were incorporated in the application call letters on the Committee's website at <http://senate.ucsd.edu/rgc.htm>. Effective July 1, 2014 the Committee agreed to change its policy to increase the ceiling for bridge funding from \$25,000 to \$50,000, the ceiling for individual grants from \$15,000 to \$20,000, and the maximum cumulative support figure from \$45,000 to \$60,000 over a ten-year period. In addition, the ceilings for payment towards the cost of airfare for Travel to a Scholarly Meeting were raised: \$2000 for foreign travel and \$800 for domestic travel with the provision that awards could only be used on economy/coach tickets.

Research – Of 111 individual applications reviewed, 94 were funded for a total of \$863,972. One award for \$18,000 was made possible by the Earl C. Anthony Endowment Trust Fund. Seventeen requests totaling \$210,056 were denied. The breakdown of awards by faculty rank is as follows:

<u>Level</u>	<u>Awards</u>
Assistant Professor	14
Associate Professor	33
Professor	40
Professor Emeritus	1
LPSOE	4
LSOE	<u>2</u>
	94

The breakdown by department and discipline is as follows:

<u>Department</u>	<u>Awards</u>	<u>Amount</u>
Anthropology	2	\$ 8,721
Cognitive Science	1	15,000
Communication	3	28,867
Economics	2	26,367
Education Studies	1	4,022
Ethnic Studies	6	57,500
Linguistics	1	12,394
Political Science	6	53,563
Psychology	3	25,408
Sociology	<u>6</u>	<u>50,178</u>
Total Social Sciences	31	\$ 282,020
History	7	55,017
Literature	8	54,751
Music	6	56,307
Philosophy	6	26,234
Theatre & Dance	5	43,760
Visual Arts	<u>7</u>	<u>60,125</u>
Total Humanities and Arts	39	\$ 296,194
Cell & Developmental Biology	1	15,000
Ecology, Behavior & Evolution	0	0
Molecular Biology	1	15,000
Neurobiology	<u>2</u>	<u>13,920</u>
Total Division of Biological Sciences	4	\$ 43,920
Chemistry & Biochemistry	5	63,709
Mathematics	0	0
Physics	<u>2</u>	<u>28,093</u>
Total Division of Physical Sciences	7	\$ 91,802
Bioengineering	1	15,000
CSE	0	0
ECE	0	0
Nanoengineering	0	0
MAE	3	24,698
Structural Engineering	<u>3</u>	<u>27,683</u>
Total Engineering	7	\$ 67,381
Center for the Humanities	1	30,000
Graduate School of IR/PS	1	14,995
Rady School of Management	2	30,000
Roosevelt College	1	2,960
Sixth College	<u>1</u>	<u>4,700</u>
Total Schools/Colleges	6	\$ 82,655
Total Individual Research Awards:	<u>94</u>	<u>\$863,972</u>

Bridge Funding Awards

Molecular Biology	1	25,000
Chemistry & Biochemistry	1	25,000
Cognitive Science	1	25,000
Communication	1	25,000
CSE	1	22,774
Economics	1	11,608
MAE	1	18,800
Psychology	<u>1</u>	<u>23,381</u>
Total Bridge Funding Awards:	8	\$ 176,563

GRAND TOTAL: **102** **\$1,040,535**

Intercampus Exchange Program (FY 13/14) - Thirteen academic departments received grants totaling \$45,812 in support of the University's Intercampus Exchange Program. A formula of \$75 per Academic Senate member plus \$11 per registered graduate student was used to determine the total amount of this award. Unused funds totaling \$38,548 were returned to the Committee for redistribution.

Travel to a Scholarly Meeting – Of 219 applications reviewed, 207 were funded totaling \$132,298; \$12,652 was returned for redistribution; twelve requests totaling \$11,215 were denied. Eighty-five of the trips funded were for foreign travel and 122 for domestic travel. The breakdown by discipline and department is as follows:

<u>Department</u>	<u>Awards</u>	<u>Amount</u>
Anthropology	9	\$ 4,376
Cognitive Science	4	2,750
Communication	8	3,099
Economics	9	7,170
Education Studies	3	2,000
Ethnic Studies	11	4,179
Linguistics	4	2,678
Political Science	16	7,286
Psychology	2	1,384
Sociology	<u>11</u>	<u>4,895</u>
Total Social Sciences	77	\$ 39,817
History	11	7,424
Literature	14	8,658
Music	7	4,654
Philosophy	7	4,771
Theatre & Dance	2	926
Visual Arts	<u>4</u>	<u>3,350</u>
Total Humanities & Arts	45	\$ 29,783
Cell & Developmental Biology	4	1,933
Ecology, Behavior & Evolution	0	0
Molecular Biology	5	2,700
Neurobiology	<u>2</u>	<u>1,500</u>
Total Biological Sciences	11	\$ 6,133
Chemistry & Biochemistry	13	11,255
Mathematics	3	1,850
Physics	<u>9</u>	<u>8,738</u>
Total Physical Sciences	25	\$ 21,843
Bioengineering	5	4,721
CSE	2	2,000
ECE	7	5,545
MAE	12	9,110
Nanoengineering	3	1,850
Structural Engineering	<u>2</u>	<u>1,500</u>
Total Engineering	31	\$ 24,726

Roosevelt College	1	458
Sixth College	1	350
Warren College	1	445
Graduate School of IR/PS	3	1,170
Rady School of Management	<u>12</u>	<u>7,573</u>
Total Schools/Colleges	18	\$ 9,996

GRAND TOTAL: **207** **\$132,298**

HEALTH SCIENCES RESEARCH GRANT COMMITTEE

The Health Sciences Research Grant Committee met on December 3, 2013 and February 25 and May 12, 2014 to review applications for FY 2013/14. The Committee reviewed sixteen and funded eleven bridge program applications, totaling \$274,625. The existing policies regarding awards for bridge funding, individual research proposals and travel to scholarly meetings were thoroughly reviewed by the Committee, and the modifications were incorporated in the application call letters on the Committee's website at <http://senate.ucsd.edu/rgc.htm>. The Committee agreed to continue its policy limiting the ceiling for individual grants to \$10,000 and bridge funding to \$25,000. Priority will continue to be given to junior faculty; and faculty who have received support on three consecutive occasions will be considered only for projects leading them into a different research direction.

Research – Of 73 research applications reviewed, 31 were funded, totaling \$293,398; forty-two requests totaling \$409,248 were denied primarily due to budget constraints. The breakdown of the awards by rank is as follows:

<u>Level</u>	<u>Awards</u>
Assistant Professor-in-Residence	6
Assistant Clinical Professor	1
Assistant Project Scientist	1
Assistant Adjunct Professor	10
Associate Professor of Clinical X	1
Associate Prof-in-Residence	1
Associate Clinical Professor	2
Professor	5
Professor-in-Residence	2
Adjunct Professor	1
Clinical Professor	<u>1</u>
	31

The breakdown by department is as follows:

<u>Department</u>	<u>Awards</u>	<u>Amount</u>
Anesthesiology	0	\$ 0
Cellular Molecular Medicine	0	0
Family & Preventive Medicine	0	0
Medicine	8	79,257
Neurosciences	4	40,000
Ophthalmology	1	10,000
Orthopedic Surgery	1	10,000
Pathology	0	0
Pediatrics	2	20,000
Pharmacology	0	0
Psychiatry	7	54,166
Radiation Medicine	2	19,975
Radiology	0	0
Reproductive Medicine	3	30,000
SSPPS	1	10,000
Surgery	<u>2</u>	<u>20,000</u>
Total Individual Research Awards:	31	\$ 293,398

Bridge Funding Awards

Anesthesiology	1	25,000
Medicine	5	124,660
Pathology	1	25,000
Pharmacology	1	25,000
Psychiatry	2	49,965
Reproductive Medicine	1	25,000
Total Bridge Funding Awards:	11	\$ 274,625
GRAND TOTAL:	<u>42</u>	<u>\$ 568,023</u>

Travel to a Scholarly Meeting – Of 137 applications reviewed, 131 were funded totaling \$56,180; \$4,258 was returned for redistribution, and six applications totaling \$4,574 were denied. Forty-one of the trips were for foreign travel and 90 were for domestic travel. The breakdown of the awards by department is as follows:

<u>Department</u>	<u>Awards</u>	<u>Amount</u>
Anesthesiology	3	\$ 1,170
Cellular Molecular Medicine	1	448
Emergency Medicine	7	2,569
Family & Preventive Medicine	7	3,174
Medicine	19	8,958
Neurosciences	5	2,380
Ophthalmology	3	1,500
Orthopedic Surgery	6	2,418
Pathology	6	2,543
Pediatrics	14	5,018
Pharmacology	3	1,331
Psychiatry	21	8,647
Radiation Medicine	1	209
Radiology	14	6,700
Reproductive Medicine	4	1,791
SSPPS	9	3,543
Surgery	8	3,781
Total Travel Awards:	<u>131</u>	<u>\$ 56,180</u>

MARINE SCIENCES RESEARCH GRANT COMMITTEE

The Marine Sciences Research Grant Committee met on November 8, 2013 and February 14 and April 22, 2014 to review applications for FY 2013/14. The existing policies regarding awards for research and travel to scholarly meetings were thoroughly reviewed by the Committee. The Committee agreed to change its policy to increase the ceiling for individual grants from \$10,000 to \$15,000 and the maximum cumulative support figure from \$30,000 to \$45,000 over a ten-year period. The modifications were incorporated in the application call letters on the Committee's website at <http://senate.ucsd.edu/rgc.htm>. The ceilings for payment towards the cost of airfare on economy/coach tickets for Travel to a Scholarly Meeting will remain at \$1500 for foreign travel and \$1000 for domestic travel. The Committee would like new requests for support to demonstrate more evidence of results from previous Academic Senate funding, such as a manuscript or the receipt of a larger award stemming from a "seed" money grant.

Research – Of 11 research applications reviewed, 8 were funded totaling \$56,227. Three requests totaling \$20,818 were denied. The breakdown of the awards by rank is as follows:

<u>Level</u>	<u>Awards</u>
Assistant Professor	3
Assistant Research Scientist	3
Associate Professor	2
Associate Research Scientist	1
Professor	7
Professor Emeritus	1
Research Scientist	3
	<u>20</u>

The breakdown by division is as follows:

<u>Division</u>	<u>Awards</u>	<u>Amount</u>
CMBB	2	\$ 23,910
GRD	4	32,377
IOD	4	24,591
MBRD	4	43,556
MPL	6	33,127
Total Research Awards:	20	\$ 157,561

Travel to a Scholarly Meeting – Of 35 applications reviewed, 34 were funded, totaling \$39,262; \$7,256 was returned for redistribution. The request denied was a second request within this fiscal year. Twenty-three awards were for foreign travel and eleven were for domestic travel.

<u>Division</u>	<u>Awards</u>	<u>Amount</u>
CASPO	4	\$ 2,673
CMBB	1	1,500
GRD	6	6,927
IGPP	6	8,941
IOD	6	6,183
MBRD	6	6,428
MPL	5	6,610
Total Travel Awards:	34	\$ 39,262

Respectfully submitted,

Division Committee

John Fonville
Rick Grush
Terry Jernigan
Cornelis Murre
Frank Powell
Daniel Tartakovsky
Sandra Brown, *ex officio*
Katja Lindenberg, UCORP Representative
Jennifer MacKinnon, Vice Chair
Isaac Martin, Chair

General Campus Research Grant Committee

Timothy Gentner
Harvey Goldman
Patrick Patterson
Eugene Pawlak
Douglas E. Smith
Deborah Yelon
Sheldon Nodelman, Chair

Health Sciences Research Grant Committee

Marianna Cherner
Pieter Dorrestein
Peter Ernst
Xiang-Dong Fu
Tony Yaksh, Chair

Marine Sciences Research Grant Committee

Gregory Rouse
Uwe Send
Katherine Barbeau, Chair

**ANNUAL REPORT
GRADUATE COUNCIL
2013-14**

The Graduate Council of the San Diego Division of the Academic Senate has a variety of responsibilities regarding the oversight of graduate education at UCSD (see Divisional Bylaw 220). The majority of the business handled by the Council during the year is divided into the following areas: proposals for new degree programs, modifications to existing programs, reviews of existing programs, and student petitions requesting exceptions to Graduate Council policies. In addition, the opinion of the Council was sought on a number of other issues, such as reviews and new proposals for Organized Research Units (ORUs), and proposed revisions to systemwide policies related to graduate programs. A brief enumeration of the issues considered by the Graduate Council is presented here.

Proposals for New Degree Programs

The Graduate Council considered nine requests to establish new degree programs. Six proposals were approved by the Council in 2013-14 and received Divisional approval from the Representative Assembly. Three proposals are still in process and were carried forward to the 2014-15 academic year.

New degree program proposals approved by the Graduate Council:

- Bioinformatics and Systems Biology Graduate Program proposal to establish a PhD Specialization in Biomedical Informatics
- Department of Computer Science and Engineering proposal to establish a Master of Advanced Studies (MAS) in Data Science and Engineering
- Department of Education Studies proposal to establish a PhD in Education
- Department of Medicine proposal to establish a Joint Doctoral Program (JDP) in Applied Social Science¹ with San Diego State University
- Graduate School of International Relations and Pacific Studies proposal to establish a Master of Public Policy
- Proposal to establish a PhD Specialization in Quantitative Biology in the following graduate programs:
 - Bioinformatics and Systems Biology Graduate Program
 - Biomedical Sciences Graduate Program
 - Department of Bioengineering
 - Department of Chemistry and Biochemistry
 - Department of Physics
 - Division of Biological Sciences

Proposals for Modifications to Existing Graduate Degree Programs

The Graduate Council considered 19 requests to modify existing graduate degree programs. Fifteen proposals were approved as proposed. One proposal was approved with modifications and two proposals resulted in the Council approving some components of the proposals but not all. One proposal is still in process and will be carried forward to the 2014-15 academic year.

Modification to Existing Graduate Degree Programs approved by the Graduate Council:

- Bioinformatics and Systems Biology Graduate Program proposal to revise the PhD degree requirements
- Department of Anesthesiology proposal to revise curriculum for the MAS in Health Policy and Law
- Department of Education Studies proposal to revise curricula for M.Ed/Preliminary Single Subject Credential Program, M.Ed/Single Subject Professional Preparation Program, Master of Arts in Teaching and Learning, and EdD
- Department of History proposal to change the minor fields for the PhD degree
- Department of Linguistics proposal to revise the curriculum for the PhD degree

¹ Degree program subsequently renamed as Joint Doctoral Program in Interdisciplinary Research on Substance Use during systemwide review. The Graduate Council endorsed the change.

- Department of Mechanical and Aerospace Engineering proposal to change the degree requirements for the MS degree under Plan II. Comprehensive Examination
- Department of Medicine proposal to establish a minimum grading standard for the MAS in Clinical Research
- Department of Music proposal to change the process for advancing to candidacy for PhD students in the Composition Area
- Department of Structural Engineering proposal to revise the curricula for the MS and PhD degrees
- Department of Theatre and Dance proposal to change the MFA admissions requirements
- Department of Visual Arts proposal to revise the curriculum for the PhD in Art and Media History, Theory and Criticism
- Graduate School of International Relations and Pacific Studies
 - Proposal to amend the language requirements for the Master of Pacific International Affairs, Master of International Affairs and MAS in International Affairs
 - Proposal to reinstate a Public Policy track
 - Proposal to change the name of the Master of Pacific International Affairs degree program of study to Master of International Affairs
- Graduate School of International Relations and Pacific Studies and Department of Political Science proposal to modify the degree requirements for the joint PhD in Political Science and International Affairs
- Joint Doctoral Program in Audiology proposal to revise curriculum section of the General Catalog
- Joint Doctoral Program in Public Health proposal to change doctoral committee membership requirements
- Rady School of Management proposal to offer three courses via distance instruction in the FlexEvening MBA program
- Scripps Institution of Oceanography proposal to revise the curriculum for the MS and PhD degrees

Reviews of Graduate Degree Programs

Graduate programs are reviewed by the Graduate Council once every eight years. An external committee visits the program or department under review, and submits its findings to the Graduate Council for consideration. The program or department under review has an opportunity to respond to issues raised by the external review committee prior to the Graduate Council's review. After considering both the external committee report and the program's response, the Graduate Council provides recommendations to the program or department during its initial review. Progress towards achieving those recommendations and goals set forth in the initial review is examined in a follow-up review conducted by the Graduate Council.

Graduate Program Reviews (initial review):

- Department of Education Studies
- Joint Doctoral Program in Mathematics and Science Education
- Neurosciences Graduate Program
- Scripps Institution of Oceanography's MAS in Marine Biodiversity and Conservation

Graduate Program Reviews (follow-up review):

- Biomedical Sciences Graduate Program
- Department of History
- Department of Political Science
- Department of Psychology
- Department of Visual Arts
- Division of Biological Sciences
- Joint Doctoral Program in Chemistry
- Joint Doctoral Program in Language and Communicative Disorders
- Joint Doctoral Program in Audiology
- Scripps Institution of Oceanography

Graduate Fellowship (Block Grant) Reviews

Graduate programs' graduate fellowship (block grant) allocations are reviewed by the Graduate Council every four years. The Graduate Council reviews each program to adjust the merit component of the block grant allocation. The following programs were reviewed:

- Department of Cognitive Science
- Department of Education Studies
- Department of Linguistics
- Department of Music
- Department of Political Science
- Department of Theatre and Dance
- Division of Biological Sciences
- Graduate School of International Relations and Pacific Studies
- Neurosciences Graduate Program
- Scripps Institution of Oceanography

Organized Research Units (ORUs)

- Five Year Review of the Biocircuits Institute
- Five Year Review of the Center for Chronobiology
- Five Year Review of the Center for Magnetic Recording Research
- Five Year Review of the Center for Research in Biological Systems
- Five Year Review of the Center for Research in Language
- Five Year Review of the Institute for Engineering in Medicine
- Five Year Review of the Institute for Neural Computation
- Proposal to Establish Center for Drug Discovery Innovation

Other Business

- *Amendments to San Diego Senate Regulation 700*

The Graduate Council (in consultation with the Educational Policy Committee) proposed amending San Diego Regulation 700: *Requirements for the Master of Arts and the Master of Science Degrees at San Diego*. The revisions are intended to provide more flexibility in the required distribution of units under Plan I. Thesis Plan. The proposal was forwarded to the Division Chair for further Senate review in 2014-15.

- *UC Policy on Self-Supporting Graduate Professional Degree Programs*

The Graduate Council was asked by the Division Chair to comment on two rounds of proposed revisions to the UC Policy on Self-Supporting Graduate Professional Degree Programs (SSGPDP). The Council was generally supportive of the proposed revisions and finds that they will help clarify the parameters of SSGPDPs. The Council will review how the updated policy impacts the review of new and existing SSGPDPs at UC San Diego after the final version of the Policy takes effect.

Respectfully submitted,

Joel Norris, Chair

Kwai Ng, Vice Chair

Richard Arneson

Farhat Beg

Gert Cauwenberghs

Philip Gill

Victor Nizet

Jann Pasler

David Salmon

Vivek Sharma (F, SP)

Kim Barrett, *ex officio*

**ANNUAL REPORT
UNDERGRADUATE COUNCIL
2013-2014**

The Undergraduate Council of the UCSD Academic Senate has a variety of responsibilities regarding the oversight of undergraduate education at UCSD (see Divisional Bylaw 210). The majority of the business handled by the Council during the year is divided into the following areas: proposals for new majors and minors, modifications to existing majors and minors, modifications to existing College curriculum, reviews of existing undergraduate programs, and course approvals. In addition, the opinion of the Council was sought on a number of other Systemwide and Divisional issues. A brief enumeration of the issues considered by the Undergraduate Council is presented here.

Proposals for New Majors and Minors

The Undergraduate Council considered four requests to establish a new major and one request to establish a new minor. Two major proposals and the one minor proposal were approved by the Council in 2013-2014. One major proposal was denied due to lack of data and one major proposal was returned seeking more information and will be resubmitted during the 2014-15 academic year.

New proposals approved by the Undergraduate Council:

- B.A. Global Health
- B.A. U.S. Latino/a and Latin American Literature
- Minor in Korean Studies

Proposals for Modifications to Existing Majors and Minors

The Undergraduate Council considered twenty-two requests to modify existing majors and minors. Twenty-one proposals were approved as proposed and one proposal was partially approved.

Proposals for Modifications to Existing College Requirements

The Undergraduate Council considered four requests to modify existing College curricula. All four proposals were endorsed as proposed and will be considered at Representative Assembly in October 2014.

Modifications to existing College curriculum endorsed by the Undergraduate Council:

- Revelle College
- Earl Warren College
- Eleanor Roosevelt College
- Sixth College

Reviews of Undergraduate Degree Programs

Undergraduate programs are reviewed by the Undergraduate Council once every seven to eight years. A review committee, including one member of the Council, visits the college, program, or department under review, and submits its findings to the Undergraduate Council for consideration. The college, program, or department under review has an opportunity to respond to issues raised by the review committee prior to the review and recommendation of the Undergraduate Council. After considering both the committee report and the program's response, the Undergraduate Council provides recommendations to the college, program, or department. Progress towards achieving those recommendations and goals set forth in the initial review is examined in a follow-up review conducted by the Undergraduate Council. No follow-up reviews were conducted in 2013-2014.

Undergraduate Program Reviews conducted in 2013-14:

- Eleanor Roosevelt College
- Sixth College
- Academic Internship Program

- Critical Gender Studies Program
- Human Development Program
- International Studies Program
- Italian Studies Program
- Judaic Studies Program

Undergraduate Council Review and Recommendations issued in 2013-14:

- Eleanor Roosevelt College
- Department of Literature (initial review conducted in 2012-13)
- Department of Mechanical and Aerospace Engineering (initial review conducted in 2012-13)
- Department of Visual Arts (initial review conducted in 2012-13)
- Academic Internship Program
- Critical Gender Studies Program
- Environmental Systems Program (initial review conducted in 2012-13)
- International Studies Program
- Italian Studies Program
- Judaic Studies Program
- Urban Studies and Planning Program (initial review conducted in 2012-13)

Course Approvals

The Undergraduate Council considered 124 requests to establish new courses and 283 requests to revise existing courses. The Council approved a two-year pilot program for the creation of a First Year Experience course for each undergraduate college.

Respectfully submitted,
 James Nieh, Chair
 Leslie Carver, Vice Chair
 Geoffrey Cook
 Ross Frank
 Jeff Haydu
 Craig McKenzie
 Benson Shing
 Laura Stevens
 Michael Trigilio

REPORT OF THE REVELLE COLLEGE FACULTY

The proposed changes to the Regulation 605 – Academic Requirements of Revelle College were approved by a vote of the Revelle College Faculty in June 2014.

The rationale for the proposed revisions can be summarized as follows:

Revisions are proposed to Regulation 605 – Academic Requirements of Revelle College to amend sections B.2. and B.3. The proposed changes delete the Area of Focus requirement and remove the language proficiency requirement for IGETC Certified transfer students. These changes are appropriate because they increase flexibility in students' curriculum planning and address the change to the average length of time-to-degree for many students.

Paul Yu, Provost
Revelle College

605. Academic Requirements of Revelle College [En 5/18/65; Am 11/14/67; Am 1/30/01]

(A) Degrees

Revelle College will recommend candidates for the degrees of Bachelor of Arts or Bachelor of Science, designated as a major. [EC 1/18/80]

(B) General Requirements [Am 10/25/77; Am 1/30/01]

(1) Revelle College students are required to demonstrate an acceptable level of basic knowledge in the humanities, fine arts, social sciences, language, mathematics, and the physical and biological sciences.

(2) The General Requirements are:

(a) A five-course sequence (24 units) in an interdisciplinary Humanities program including two (6-unit) courses with intensive instruction in university level writing. Written work is also required in each of the remaining three (4-unit) quarter courses. [Am 3/19/85]

(b) One course in the Fine Arts.

(c) Three courses in Mathematics each of which shall include integral and/or differential calculus.

(d) Five courses in the Physical and Biological Sciences to include at least four quarters of Physics and Chemistry, and one quarter of Biology. (e) Basic conversational and reading proficiency in a modern foreign language, or advanced reading proficiency in a classical language. This requirement can be met by passage of a UCSD proficiency exam (in which case the result is posted to the transcript), or by completion of the fourth quarter (or third semester) of foreign language instruction with a passing grade, or with an equivalent Advanced Placement Exam score of

4 or 5 or an SAT II Language Exam score of 700 or higher. [Am 11/25/80; Am 2/28/95; Am 11/04/03]

(f) Two division lower courses in the Social Sciences, chosen from an approved list. [Am 11/27/90, [1/28/2014](#)]

~~(g) Three courses in an area non-contiguous to the major. The three courses must be interrelated and should focus on some discipline, subject area, or topic. For the purposes of this requirement, the humanities/arts, the social~~

~~sciences, and the natural sciences/engineering/mathematics are considered three different areas. [Am 2/28/95]~~

(3) Transfer students accepted to Revelle College, ~~including transfer students who have completed an approved Inter-segmental General Education Transfer Curriculum (IGETC-SR 478),~~ must meet the same general education requirements as students admitted as freshmen. Transfer students who have completed an approved Inter-segmental General Education Transfer Curriculum (IGETC-SR 478) must meet the same mathematics and science requirements as students admitted as freshmen. Courses taken prior to transfer that satisfy any or all of these requirements, will be applied toward completion of the requirements. [Am 1/30/01]

(C) Graduation Requirements

(1) The minimum requirement for graduation will be satisfactory completion of 184 units; 60 units must be from the upper division. [Am 10/24/72; Am 6/10/97] (2) A major shall consist of not less than 12 upper division courses. [Am 10/25/77; Am 11/27/90]

REPORT OF THE WARREN COLLEGE FACULTY

The proposed changes to the Regulation 620 – Academic Requirements of Warren College were approved by a vote of the Warren College Faculty in June 2014.

The rationale for the proposed revisions can be summarized as follows (updated 10/9/14):

Revisions are proposed to Regulation 620 – Academic Requirements of Warren College to amend section B.3. The proposed change, which applies only to transfer students, replaces one required upper-division course non-contiguous to the student's major with one required upper-division writing course (WCWP 100). The change is appropriate in order to provide transfer students with critical analytical writing skills that are necessary to succeed in upper-division courses at UCSD as well as in academic and workplace settings beyond graduation.

Steven Adler, Provost
Warren College

620. Academic Requirements of Warren College [En 4/27/76]

(A) Degrees

Warren College will recommend candidates for the degrees of Bachelor of Arts or Bachelor of Science, with designation as to major.

(B) General Education Requirements [Am 5/22/84]

(1) For B.A. Majors and B.S. Majors in Arts and Sciences [Am 2/26/91]

- (a) A two-course sequence in writing.
- (b) Two courses in "Ethics and Society" [Am 5/20/08]
- (c) Two courses in a subject that requires formal or algorithmic reasoning (Formal Skills), which may be fulfilled as a major requirement or in the Program of Concentration. [Am 5/20/08]
- (d) Two non-contiguous Programs of Concentration [Am 5/22/12]
 - (i) Each Program is to come from a different discipline area, with both Programs to be non-contiguous to the area of the major. The discipline areas are defined as: Natural Studies, Mathematics, and Engineering; Humanities and Fine Arts; and Social Sciences. [Am 5/20/08]
 - (ii) Each Program is to consist of six courses, generally three lower-division and three upper-division courses.
 - (iii) No upper-division course overlap is to be allowed between the major and Program(s) of Concentration, or between the two Programs of Concentration.
 - (iv) Warren Writing, or Ethics and Society courses may not be used to satisfy the Programs of Concentration requirement. [Am 5/20/08]
 - (v) Double majors will be required to include all three discipline areas in their total academic plan. Thus, if the two majors are non-contiguous, one Program of Concentration non-contiguous to both majors will be required. If the two majors are contiguous,

two Programs will be required from the two discipline areas non-contiguous to the majors.

- (vi) At least two courses for each Program of Concentration must be taken at UCSD, except that all six courses may be taken at the same Education Abroad center, or five courses may be taken at the same Education Abroad center and one course at UCSD. [Am 5/28/96]
- (vii) Individually designed Programs of Concentration should follow the general model outlined above, and must be approved by the College Executive Committee.
- (viii) A maximum of one interdisciplinary Program of Concentration may be taken from Education Abroad; Science & Technology; Perspectives in Social Sciences; and Humanities. [En 5/20/08]

(2) For B.S. Majors in Engineering [Am 2/26/91]

- (a) A two-course sequence in writing
- (b) Two courses in "Ethics and Society" [Am 5/20/08]
- (c) Two courses in a subject that requires formal or algorithmic reasoning (Formal Skills), which may be fulfilled as a major requirement or Area Study. [Am 5/20/08]
- (d) Two non-contiguous Area Studies [Am 5/22/12]
 - (i) Each Area Study is to come from a different discipline area, with both Area Studies to be non-contiguous to the area of the major. [Am 2/26/91]
 - (ii) Each Area Study is to consist of three courses, at least two of which must be upper-division, generally taken in the same academic department, chosen from a college-approved list of Humanities and Fine Arts, and Social Science options. [Am 5/20/09]
 - (iii) Warren Writing and Ethics and Society courses may not be used in satisfaction of the Area Study requirement. [Am 5/20/08]
 - (iv) Double majors must meet the same criteria that apply to the B.A. in terms of non-contiguous studies.
 - (v) Individually designed Area Study proposals should follow the general model outlined above, and must be approved by the College Executive Committee.

(3) Transfer Students

For students who have completed their lower-division General Education requirements at an accredited four-year college and for students who have completed a systemwide or campuswide approved core curriculum in a California community college prior to entering UCSD, the only additional general education requirements are ~~three~~ two upper-division courses non-contiguous to the discipline area of the major and one upper-division writing course. All other transfer students must complete the same GE requirements as in (1) and (2). [En 2/26/91; Am 5/20/08]

REPORT OF THE ELEANOR ROOSEVELT COLLEGE FACULTY

The proposed changes to the Regulation 625 – Academic Requirements of Eleanor Roosevelt College were approved by a vote of the Eleanor Roosevelt College Faculty in June 2014.

The rationale for the proposed revisions can be summarized as follows:

Revisions are proposed to Regulation 625 – Academic Requirements of Eleanor Roosevelt College to amend section B.3. The proposed changes reduce fine arts GE requirements from two courses to one course. These changes are appropriate for fulfilling our mandate to shorten time to degree by shorting the GE curriculum. With these changes, our GE curriculum will be comparable in length to the other colleges. Our fine arts requirement will also be in line with the other colleges. .

Richard Madsen, Provost
Eleanor Roosevelt College

625. Academic Requirements of Eleanor Roosevelt College [En 2/28/89; Am 1/30/01]

(A) Degrees

Eleanor Roosevelt College will recommend candidates for the degrees of Bachelor of Arts or Bachelor of Science, with designations as to major.

(B) General Education Requirements [Am 1/30/01; Am 10/28/08]

- (1) The Making of the Modern World (24 units): A five-course interdisciplinary sequence that includes two six-unit courses of intensive instruction in university-level writing. Substantial written work is also required in the remaining four-unit courses. [Am 3/1/11]
- (2) Foreign Language: Basic conversational and reading proficiency in a modern foreign language, or advanced reading proficiency in a classical language. This requirement can be met by passage of a UCSD proficiency exam (in which case the result is posted to the transcript), or by completion of the fourth quarter (or third semester) of foreign language instruction with a passing grade.
- (3) Fine Arts: Two-One four-unit courses, to include study of ~~both Western and non-Western~~ music, theatre, dance, and/or visual arts, including performance and studio courses.
- (4) Mathematics/Computer Science: Two courses to be chosen from Eleanor Roosevelt College approved offerings in the pre-calculus, statistics, symbolic logic and computer sciences.
- (5) Natural Science: Two fundamental or basic science courses selected from a list of Eleanor Roosevelt College approved courses in the physical and biological sciences.
- (6) Regional Specialization: Three courses dealing with a single designated geographic region. At least two of the three courses required must be taken at the upper-division level.
- (7) Upper-Division Writing: At least one upper-division course in each student's program must include a significant writing component (4500-5000 words or 18-20 double-spaced pages).

REPORT OF THE SIXTH COLLEGE FACULTY

The proposed changes to the Regulation 630 – Academic Requirements of Sixth College were approved by a vote of the Sixth College Faculty in June 2014.

The rationale for the proposed revisions can be summarized as follows:

Revisions are proposed to Regulation 630 – Academic Requirements of Sixth College to amend sections B.5. and C.1. The proposed changes eliminate the Societal Context and Ethical Context requirements, add the university-wide Diversity, Equity and Inclusion requirement, and revise the name Subject A to the updated Entry Level Writing Requirement.

These changes are appropriate as Sixth College aligned the courses that satisfy the college's Societal Context general education requirement with the university-wide DEI (Diversity, Equity and Inclusion) requirement. As students will be participating in courses with this valuable content in satisfying their DEI requirement, the Executive Committee felt that Sixth College does not need to continue monitoring this through the Social Context requirement and requests removal.

The content of the Ethical Context general education requirement will be folded into the college's CAT 125 upper-division requirement. CAT 125 is a course in public rhetoric and practical communication in which issues about credibility and ethical conduct are foreground in the central topic: appropriate self-representation in professional and personal networks. This requirement can be difficult for students to complete as there are limited offerings on campus with the appropriate content.

Including the Diversity, Equity and Inclusion requirement is to accurately reflect the addition of the most recent university-wide requirement in the regulations. The update to Entry Level Writing Requirement is to correctly reflect the title of the requirement formerly known as Subject A Requirement.

Dan Donoghue, Provost
Sixth College

630. Academic Requirements of Sixth College [En 4/29/03]

(A) Degrees:

Sixth College will recommend candidates for the degrees of Bachelor of Arts or Bachelor of Science, with designations of major.

(B) General Education Requirements:

- (1) Culture, Art and Technology (CAT): A three-course sequence that includes two six-unit courses of intensive instruction in university writing.
- (2) Computing: One course in computing.
- (3) Modes of Inquiry: Seven courses, including two courses in social sciences, two courses in humanities, two courses in science, and one course in mathematics or logic.
- (4) Exploring Data: One course in probability or applied statistics.
- (5) ~~Societal and Ethical Contexts: One course in ethnic or gender studies and one course in ethics.~~
- (65) Art Making: Two courses in music, theatre (including dance), and/or visual arts.

(76) Practicum: An upper division practicum, a faculty guided experience in which the student is involved in original, creative work. A final report about the project is required.

(C) Graduation Requirements

- (1) Satisfaction of the University of California requirements in American History and Institutions, Diversity, Equity and Inclusion and UC Entry Level Writing Requirement in Subject A.
- (2) The general education requirements must be fulfilled.
- (3) A minimum of 180 units must be completed.
- (4) A minimum of 15 courses (60 units) must be upper-division courses.
- (5) Thirty-five (35) of the last forty-five (45) units must be completed as an enrolled Sixth College student.
- (6) A 2.0 cumulative grade point average and a 2.0 major grade point average.