

Appendix B

Brent Iverson 2018 Faculty Activity Report

Dean Review
January 2019



Faculty Activity Report for Brent Iverson - 2017-18 - Submitted

General Information

Personal Website

No Personal Website information on record for this Faculty Activity Report.

Biography

No Biography information on record for this Faculty Activity Report.

Degrees

Source	Year	Degree	Equivalency	Discipline	Institution
Central	1988 1987	PhD	Doctoral	Chemistry, General Chemistry	California Institute of Technology
Faculty	1982	B.S.	Bachelors	Chemistry	Stanford University

Teaching

Teaching Comments or Statement

No Teaching Comments or Statement information on record for this Faculty Activity Report.

Scheduled Teaching

Source	Semester	Course Abbreviation	Course Title	Course Level	Unique Nbr	Enrollment	Credit Hours	CIS Course Rating	CIS Instructor Rating
Central	Fall 2017	BCH 369K	Techniques Of Research	Undergraduate	54800	1	3	N/A	N/A
Central	Fall 2017	BCH 397C	Advan Std And Rsch In Biochem	Graduate	54880	1	3	N/A	N/A
Central	Fall 2017	BCH 697C	Advan Std And Rsch In Biochem	Graduate	54895	1	6	N/A	N/A
Central	Fall 2017	BCH 999W	Dissertation	Graduate	54935	1	9	N/A	N/A
Central	Fall 2017	BCH 999W	Dissertation	Graduate	54935	1	9	N/A	N/A
Central	Fall 2017	CH 320M	Organic Chemistry I	Undergraduate	50595	457	3	4.7	5
Central	Fall 2017	CH 328M	Organic Chemistry I-Engr Majs	Undergraduate	50725	40	3	N/A	N/A
Central	Fall 2017	CH 397C	Problems In Chemistry	Graduate	51170	1	3	N/A	N/A
Central	Fall 2017	CH 397C	Problems In Chemistry	Graduate	51170	1	3	N/A	N/A
Central	Fall 2017	CH 397P	Problems In Chemistry	Graduate	51190	1	3	N/A	N/A
Central	Fall 2017	CH 397S	Adv Tpcs In Chem: Organic	Graduate	51205	1	3	N/A	N/A
Central	Fall 2017	CH 999W	Dissertation	Graduate	51255	1	9	N/A	N/A
Central	Spring 2018	BCH 397C	Advan Std And Rsch In Biochem	Graduate	54610	1	3	N/A	N/A
Central	Spring 2018	BCH 697C	Advan Std And Rsch In Biochem	Graduate	54620	1	6	N/A	N/A
Central	Spring 2018	BCH 999W	Dissertation	Graduate	54660	1	9	N/A	N/A
Central	Spring 2018	CH 369K	Techniques Of Research	Undergraduate	50970	1	3	N/A	N/A
Central	Spring 2018	CH 397C	Problems In Chemistry	Graduate	51115	1	3	N/A	N/A
Central	Spring 2018	CH 397P	Problems In Chemistry	Graduate	51135	1	3	N/A	N/A
Central	Spring 2018	CH 397S	Adv Tpcs In Chem: Organic	Graduate	51150	1	3	N/A	N/A

Source	Semester	Course Abbreviation	Course Title	Course Level	Unique Nbr	Enrollment	Credit Hours	CIS Course Rating	CIS Instructor Rating
Central	Spring 2018	CH 999W	Dissertation	Graduate	51195	1	9	N/A	N/A
Central	Spring 2018	UGS 104	First-Yr Int Group Mentor Smnr	Undergraduate	63010	22	1	N/A	N/A
Central	Spring 2018	UGS 104	First-Yr Int Group Mentor Smnr	Undergraduate	63020	18	1	N/A	N/A
Central	Spring 2018	UGS 104	First-Yr Int Group Mentor Smnr	Undergraduate	63030	22	1	N/A	N/A
Central	Spring 2018	UGS 104	First-Yr Int Group Mentor Smnr	Undergraduate	63040	18	1	N/A	N/A
Central	Spring 2018	UGS 104	First-Yr Int Group Mentor Smnr	Undergraduate	63055	17	1	N/A	N/A
Central	Spring 2018	UGS 104	First-Yr Int Group Mentor Smnr	Undergraduate	63065	17	1	N/A	N/A
Central	Spring 2018	UGS 104	First-Yr Int Group Mentor Smnr	Undergraduate	63035	17	1	N/A	N/A
Central	Spring 2018	UGS 104	First-Yr Int Group Mentor Smnr	Undergraduate	63015	22	1	N/A	N/A
Central	Spring 2018	UGS 104	First-Yr Int Group Mentor Smnr	Undergraduate	63025	14	1	N/A	N/A
Central	Spring 2018	UGS 104	First-Yr Int Group Mentor Smnr	Undergraduate	63045	14	1	N/A	N/A
Central	Spring 2018	UGS 104	First-Yr Int Group Mentor Smnr	Undergraduate	63060	22	1	N/A	N/A
Central	Spring 2018	UGS 104T	Tr-Yr Int Group Mentor Smnr	Undergraduate	63070	12	1	N/A	N/A
Central	Spring 2018	UGS 104T	Tr-Yr Int Group Mentor Smnr	Undergraduate	63075	10	1	N/A	N/A
Central	Summer 2018	BCH W399R	Dissertation	Graduate	87240	1	3	N/A	N/A
Central	Summer 2018	BCH W399W	Dissertation	Graduate	87255	1	3	N/A	N/A
Central	Summer 2018	CH W399R	Dissertation	Graduate	86205	1	3	N/A	N/A
Central	Summer 2018	CH W399W	Dissertation	Graduate	86220	1	3	N/A	N/A

Graduate Student Supervision

Source	Begin Semester	End Semester	Committee Role	Committee Level	Student Name	Degree Program
Central	Spring 2016		Supervisor	Doctoral	Gratton, Elizabeth Anne	Chemistry
Central	Spring 2016		Supervisor	Doctoral	Yaghi, Rasha Mounes	Biochemistry
Central	Spring 2017		Member	Doctoral	Zhang, Zhicheng	Chemistry
Central	Spring 2017	Fall 2017	Supervisor	Doctoral	Taft, Joseph Michael	Biochemistry
Central	Spring 2018		Supervisor	Doctoral	Desautelle, Joseph Edward	Biochemistry
Central	Spring 2018		Supervisor	Doctoral	Wight, Christopher D.	Chemistry

Graduate or Undergraduate Student Advising

No Graduate or Undergraduate Student Advising information on record for this Faculty Activity Report.

Graduate or Undergraduate Research

Source	Begin Date	End Date	Research Project Description
Faculty	2015-07-01	2018-07-01	Chris Allen, Chemistry
Faculty	2017-06-01		Omar Vayani, Chemistry
Faculty	2017-09-01		Natalie McGinnis, Biochemistry

Scholarly & Creative Works

Current Scholarly, Creative Works, or Research Interests

I am a co-author of the Organic Chemistry textbook by Brooks-Cole along with Bill Brown, Chris Foote, and Eric Anslyn. The 6th Edition was released in 2011, the 7th edition was released in the spring of 2013 and the current 8th edition was released in 2017.

Publications & Creative Works

Source	Year	Type	Section	Description	Peer Reviewed
Faculty	2017	Publication	Selected Recent Peer-Reviewed Publications and Manuscripts	"Profiling Protease Specificity: Combining Yeast ER Sequestration Screening (YESS) with Next Generation Sequencing," Li, Q., Yi, L., Hoi, KH., Marek, P., Georgiou, G., Iverson, B.L. ACS Chem Biol. 2017, 12(2):510-518. doi: 10.1021/acscchembio.6b00547.	Yes
Faculty	2017	Publication	Selected Recent Peer-Reviewed Publications and Manuscripts	"Characterization of aromatic residue-controlled protein retention in the endoplasmic reticulum of <i>Saccharomyces cerevisiae</i> ," Mai, M., Zhai, C., Li, X., Zhou, T., Peng, W., Ma, L., Wang, Q., Iverson, BL., Zhang, G., Yi, L. J. Biol. Chem., 2017 292(50):20707-20719. DOI: 10.1074/jbc.M117.812107. PMID: 29038295.	Yes

Presentations and Lectures

Source	Presentation Date	End Date	Organization/Institution	Title/Description
Faculty	2018-01-04		LBJ School, the University of Texas at Austin, Austin Forum on Diplomacy and Statecraft	A Cure for Late Stage Anthrax Infections
Faculty	2018-04-05		Dept. of Chemistry, Clemson University, Clemson South Carolina	NDI: Versatile Stacking Molecule with a Split Personality
Faculty	2018-07-11		ISMSC 2018 Symposium, Quebec City, Quebec, Canada	NDI: Versatile Stacking Molecule with a Split Personality

Intellectual Property

No Intellectual Property information on record for this Faculty Activity Report.

Research

Sponsored Research

Source	Begin Date	End Date	Sponsor Name	Project Title	Role	Total Award Amount	Project FY Expenditures	Investigator FY Expenditures	Percent Contribution	OSP Nbr
Central	1999-06-01	2020-05-31	Welch Fdn	A New Family Of Reporting Molecules	PI	\$1,230,000	\$55,780	\$55,780	100%	199900748
Central	2008-01-01	2018-12-31	Clayton Fdn For Rsch	Engineered Proteases As The Next Generation Of Protein Therapeutics	PI	\$2,718,685	\$314,852 \$500,000	\$314,852 \$500,000	100%	200702760
Central	2016-06-01	2019-08-30	Blackstone Charitable Fdn	Blackstone Launchpad	Co-PI	\$1,005,000	\$350,667	\$116,889	33.33%	201600684
Central	2018-01-01	2020-12-31	Welch Fdn	Fun With Chemistry: Satellite Programs	Co-PI	\$25,000	\$2,594	\$1,297	50%	201702833

Other Research

No Other Research information on record for this Faculty Activity Report.

Pending Research Proposals

No Pending Research Proposal information on record for this Faculty Activity Report.

Service & Activities

Source	Begin Date	End Date	Scope	Description
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Source	Begin Date	End Date	Scope	Description
Faculty	2005		National	Member, Board of Directors, Research Corporation for Science Advancement, Tucson, Arizona
Faculty	2005		National	NIH Faculty Mentoring Workshop, Dallas, TX
Faculty	2007		Department	Department of Chemistry and Biochemistry Courses and Curriculum Committee
Faculty	2012		University	Faculty Advisor and Advisory Board Member, Camp Kesem Texas
Faculty	2013		College or School	Dean, School of Undergraduate Studies
Faculty	2013	2017	University	Member, Undergraduate Enrollment Management Council
Faculty	2014		University	Ex officio member, Education Policy Committee of the Faculty Council
Faculty	2014	2017	University	Member, Board of Directors of the Texas Exes Alumni Organization
Faculty	2016		National	Member, National Advisory Committee, Camp Kesem

Honors & Awards

No Honors and Awards information on record for this Faculty Activity Report.

Supplemental Documents

No Documents information on record for this Faculty Activity Report.

General Comments

No General Comments information on record for this Faculty Activity Report.