1) **Co-authors on scientific publications (77 total)**


24) Pushnik J. Public-Public Partnerships for a New Paradigm in the Civic Role of the University. (Submitted/Under Review) *Sustainability: The Journal of Record*


28) **Julian Aggio, Brenda Avalos, P Laurie:**


30) **Bryan Ervin (former MS):**


32) **J.B. Ashe, L.E. Cockrell, S.R. Foster, M.L. Mattson, and J.T. Ruckle.** :


34) Brunelli, Rebecca L; Blake, Jennifer; Willits, Neil; Rommeck, Ina; McCowan, Brenda, “Effects of a Mechanical Response Contingent Surrogate on Development of Behaviors in Nursery-Reared Rhesus Macaques (*Macaca mulatta)*.” *Journal of American Association of Laboratory Animal Science*, 2014 53(5) 464-471


51) Brunelli, R. *Effects of a Mechanical Response Contingent Surrogate on Development of Behaviors in Nursery-Reared Rhesus Macaques (Macaca mulatta)* accepted into Journal of American Association of Laboratory Animal Science for publication date: November 2014


2) **Presenters at scientific meetings** (206 total)


7) Berrun A, Stachura DL. 2017. Characterization of ism-1 in hematopoietic differentiation and proliferation. Presentation, 31st Annual Student Research Competition, Chico, CA, March 17, 2017. Won 2nd place (out of five presenters) and selected to present research at the statewide competition.

8) Smith JS, Stachura DL. 2017. Growth receptor bound protein-2 (GRB2) overexpression expands myeloid cells and increases proliferation in chronic myeloid leukemia (CML). Presentation, 31st Annual Student Research Competition, Chico, CA, March 17, 2017. Won 1st place (out of five presenters) and selected to present research at the statewide competition.


15) **Schmidt T, Boice M, Pulido O, Stachura DL. 2017.** *Kal1b* reduction decreases vertebrate blood cells. **Poster** Presentation. 21st Annual Student Research Poster Symposium, Chico, CA, May 12, 2017.


18) Presentation entitled “Many Religions, One Science” at the “Religion, Science, and the Modern World” conference organized by Greg Cootsona, Department of Comparative Religion and Humanities on April 8th, 2017, CS, Chico. J. Mahoney


22) **Candice Sawyer: Brood Parasitism in Anas Platyrhynchos in Agricultural Nesting Sites.** California State University Chico; 400 W 1st Street, Chico, CA, 95929-515; **Raymond, J, Bogiatto; David, M, Keller; Donald, G, Miller**

23) Brunelli, B. Poster Presentation for Learning Enhancement Grant, CELT Conference (October 2016), Introduction to Living Systems (BIOL 102) Redesign to Increase Student Engagement.
24) **Irene Lona** 2017 *Landing rate of the walnut twig beetle, Pityophthorus juglandis, on two western North American walnut species, Juglans californica and J. major* at The Wildlife Society-Western Section Annual Meeting, Reno, NV (with Donald G. Miller, Colleen Hatfield, Richard C. Rosecrance, and Steven J. Seybold)

25) **Irene Lona** 2016 presented research poster, *Landing rate of the walnut twig beetle, Pityophthorus juglandis, on two western North American walnut species, Juglans californica and J. major* at California Forest Pest Council, University of California, Davis (with Donald G. Miller, Colleen Hatfield, Richard Rosecrance, and Steven Seybold)

26) **Don Dahlsten** 2016 presented research poster, *Landing rate of the walnut twig beetle, Pityophthorus juglandis, on two western North American walnut species, Juglans californica and J. major* at XXV International Congress of Entomology, Orlando, Florida (with Donald G. Miller, Colleen Hatfield, Richard Rosecrance, and Steven Seybold)

27) **Badri Ghimire** 2017 presented research poster, *Does deer browsing affect Tamalia galling aphid populations on manzanita (Arctostaphylos sp.) host plants?* The Wildlife Society-Western Section Annual Meeting, Reno, NV (with Donald G. Miller)

28) 2017 Insects and Their Habitats in Big Chico Creek Canyon. Osher Lifelong Learning Institute at CSU, Chico (Invited Speaker).

29) 2017 Miller, D.G. and Hatfield, C.A. The importance of natural reserves in conservation, education and research. This Way to Sustainability Conference, CSU, Chico.

30) 2016 Miller, D.G. The *Tamalia* gall-inducing aphid as intermediary between host plant and inquiline. XXV International Congress of Entomology, Orlando, Florida.

31) **Bamford, M.** and K.A. Schierenbeck. 2017. Restoration of yellow star thistle invaded grasslands in the Northern Sacramento Valley. California Botanical Society Graduate Student Meetings

32) **Brinkmann, I.**, and AL Edwards. 2017. Noxious Weed *Dittrichia graveolens* (Stinkwort) reduces biomass and species richness of other plants, but *Salvia* spp. may provide a mechanism for suppression. Northern California Botanists Symposium, Chico, CA.


37) Hatfield C.  South Campus Neighborhood Urban Forest Inventory – a Picture of Diversity.  2017. This Way to Sustainability. CSU Chico.


43) Blee, K.A.  2016. Adaptive learning implementation, outcomes and results from introductory biology. California State University Course Redesign with Technology Webinar host / presenter April 22. https://docs.google.com/presentation/d/1mnmEM7ih9akAuWUgHS07qC6b7DYSRu5pcprXDa-SSU/edit?pref=2&pli=1#slide=id.p13


45) Teasdale R. and C. Hatfield. Integrate Sustainability at CSU Chico. This Way to Sustainability Conference XI. CSU Chico,. Chico, CA. April 2016

46) Alexander, F. and C. Hatfield. A Sense of Place. This Way to Sustainability Conference XI. CSU Chico, Chico CA. April 2016


51) A double-negative feedback loop between microRNA-375 and CREM. **C. Gilio, A. Stanton**, and D.M. Keller. 28th Annual CSU Biotechnology Symposium, Anaheim, CA

52) Keller, D., Osher Lifelong Learning Institute at CSU Chico—General Meeting lecture—“The Other Social Network” March, 2016


58) **Moore, T., C. Divoky, A. Loeblich**, S. Mistry and C. Hatfield. Acoustic Analysis of Bat Echolocation Calls: Species Diversity and Seasonal Migratory Patterns. College of Natural Sciences Poster Symposium and Department of Biological Science Poster Symposium

59) Acoustic Monitoring of Bat Diversity in Northern California

**Trevor Moore, Aithne Loeblich**, Colleen Hatfield and Shahroukh Mistry

2017 The Wildlife Society – Western Section Annual Meeting

Reno, NV February 9th, 2017

60) **Irene Lona** - 2017 presented research poster, Landing rate of the walnut twig beetle, *Pityophthorus juglandis,* on two western North American walnut species, *Juglans californica* and *J. major* at The Wildlife Society-Western Section Annual Meeting, Reno, NV (with Donald G. Miller, Colleen Hatfield, Richard C. Rosecrance, and Steven J. Seybold)
61) **Badri Ghimire**, The Effect of Deer Browsing on Manzanita Leaf Gall Aphid (*Tamalia coweni*) Populations. Western Section of the Wildlife Society, 2017 Annual Meeting February 6-10, Reno, NV

62) **Candice Sawyer**; Raymond, J, Bogiatto; David, M, Keller; Donald, G, Miller. BROOD PARASITISM IN ANAS PLATYRHYNCHOS IN AGRICULTURAL NESTING SITES. Western Section meetings of the Wildlife Society in Reno in Feb.

63) **Jesse Smith.** Eden Graduate Student Finalist, 29th Annual CSU Biotechnology Symposium (Spring 2017) and 1st place, 31st Annual Student Research Competition (Spring 2017)

64) **Baylee Russell** 3rd place in the poster competition at the spring meeting of the Northern California American Society for Microbiology for her poster on the characterization of algal cell wall lipids.

65) **Elizabeth Bianchini** 2nd place in the poster competition at the spring meeting of the Northern California American Society for Microbiology for her poster titled "Isolation and characterization of avian influenza viruses in Northern California"

66) **Elizabeth Bianchini** will be presenting the same work this summer in Madison, Wisconsin at the national meeting of the American Society for Virology

67) **Donald Beck**, current student in the Cline lab will also present a poster in Madison titled Highly Pathogenic H5N1 Avian Influenza Virus Restricts Interferon-γ Responses in Macrophages in a Replication-Dependent Manner


69) **Candice Sawyer and Irene Lona** - presented research poster, ‘Determining presence of *Lepidoptera* species of interest in regions of Butte County’

70) **Irene Lona** - presented ‘The Walnut twig beetle and Thousand Cankers Disease’ at the Center for Water and the Environment Student Showcase

71) **Gin Lawson** - presented at the 30th CSU Annual Statewide Student Research Competition

72) **Clara Buchholz** (MS) - presented research poster, ‘The influence of population density on communal gall sharing and parasitism rates for the manzanita leaf-gall aphid, *Tamalia coweni*’. Entomological Society of America 63rd Annual Meeting, Minneapolis, MN. Also won 2nd place, 30th Annual CSU, Chico Student Research Competition

73) **Courtney Silver and Holly Cochran** (MS) - presented posters at the Western Section of the Wildlife Society Meetings in February down at Pomona.

74) **Charles Brook** (MS) - presented his research ‘Mobilizing mercury with microbial rust’ and won best poster prize at the Northern CA ASM meeting. He also represented
CSUC in the CSU system-wide student symposium with a talk ‘Do biotic iron-oxyhydroxides mobilize mercury?’

75) Holly Cochran (MS) - presented research poster, ‘Cavity-nesting bird habitat utilization in restored riparian woodlands of the Sacramento Valley’, Western section of The Wildlife Society Annual Meeting, Pomona, CA. Also won 3rd place, 30th Annual CSU, Chico Student Research Competition

76) Courtney Silver (MS) - Presented at the “California Amphibian Population Task Force Meeting” in January; also at the Western Section Wildlife Society meeting, where she was awarded 3rd place in the student poster competition

77) 29th Annual CSU, Chico Student Research Competition CSU Chico:
Geometric Morphometric analysis of Lynx rufus to examine potential divergence of subpopulations due to geographic specialization. Melissa Ann Sutton

78) 29th Annual CSU Student Research Competition, CSU San Bernadino:
Impact of HSN I influenza virus replication on macrophage function" Keerthana Sekar

79) Deacetylation as a mechanism for repression of microRNA-375, a factor involved in Type 2 Diabetes” Alexander Stanton

80) Reclaiming the Sierra Conference
Charles Brooke. Western Section of the Wildlife Society Meetings in Santa Rosa

81) Badri Ghimire. 1-ophic Interactions among Deer, Manzanita, and Manzanita Leaf: gall Aphids in the Big Chico Creek Ecological Reserve near Chico, CA"

82) Stevie Foster - Sex ratios in Pintail Ducks. Entomological Society of America 62nd Annual Meeting, Portland, OR

83) Clara Buchholtz - "Factors underlying the investment in alatcs vs. apterous morphs in the gall-dwelling aphid Tamalia inquilinus"

84) Badri Ghimire - "Does Deer Browsing Affect Tamalia Galling Aphid Populations on Manzanita (Arctostaphylos spp.) Host Plants?"

85) Julie Shaw – 2nd place in student poster competition for “Winter ecology of the northern saw-whet owl (Aegolius acadicus) in the Sierra Nevada Foothills of California.”


88) Cline, T. Invited seminar at Brigham Young University; January 8, 2015 Determinants of severe influenza virus disease: A macrophage perspective"
89) Fleming-Neuster, E. May 27, 2015. An iron-oxidizing bacterium's tangled physiological tale. UC Davis Department of Microbiology and Molecular Biology.

90) Hatfield, C. and J. Silveira. We are not there yet. What is missing from restoration efforts targeting rare species on the Sacramento River. Ecological Society of America Annual Meeting. Sacramento, CA July 2014.


   http://www.wested.org/resources/next-generation-science-standards-ngss-implementation-ii/


99) Pushnik, J. Advancing Climate Resiliency at CSU Chico. Invited presentation at Harris Manchester College Oxford England August 4 2014

100) Schierenbeck, K.A. Seeds…Just in Case. Gateway Science Museum, Chico, CA. April 2015


106) Jeffrey Bell, David Marcy, and Brian White, "Virtual Simulations, Labs and Online Courses." CSUPERB: Faculty Consensus Group (FCG) Meeting, Long Beach, CA. August 2013

107) Brunelli, R. “Effects of a Responsive Surrogate on Nursery-Reared Rhesus Macaques” CSUC Biological Sciences Seminar Series (2/21/14)


109) Gage Alvernaz, Josh Ashford, and Troy Cline, “The role of autophagy in restricting influenza virus replication in macrophages” Dept. of Biological Sciences and College of Natural Sciences Research Symposia, 2014

110) Candice Larson and Troy Cline, “Detection of norovirus and astrovirus in raw sewage by reverse transcription PCR” Dept. of Biological Sciences and College of Natural Sciences Research Symposia, 2014


113) Rich, S., D. Johnson and C. Hatfield. “Migration patterns for Flammulated Owls (Otus flammeolus) from breeding locations using light-level geolocators.” Western
Section of the Wildlife Society – Reno NV. January 29-31, 2014. First place in Student Presentation Competition


121) Stanton and D.M. Keller. “Cyclic-AMP stimulated chromatin remodeling involved in microRNA-375 repression.” 18th Annual Department of Biological Sciences Poster Symposium, CSU Chico. 2014

122) Marcum and T. Heaston. “Preparing Tomorrow's Teachers in a Campus-Based Hands on Lab at California State University, Chico.” STEM at the CSU - New Vision Conference at CSU, East Bay: Preparing STEM Teachers in the CSU. October 29, 2013


127) Chang, T. and Miller, D. G. “Temporal separation of galls on valley oaks (Quercus lobata) by the gall-inducers, California Gallwasps (Andricus quercuscalifornicus).” Northern California Botanists Sixth Symposium, January 2014.


The following posters were all presented at the College of Natural Sciences 10th Annual Poster Session, May 7, 2014:

136) Neuronal spine densities in the aging rat hippocampus: responses to lesion. Frans Honig, Jonathan R. Day

137) Detection of Norovirus and Astrovirus by Reverse Transcription PCR. Candice Larson, Troy Cline

138) The role of autophagy in restricting influenza virus replication in macrophages. Gage Alvernaz, Josh Ashford, Troy Cline
139) A novel set of fibrillin-like proteins identified from RNA-seq analysis of *Emiliania huxleyi*. Charlotte Park, Sisarie Sherry, Gordon Wolfe

140) Cyclic-AMP and epigenetic regulation of microRNA-375. Alexander Stanton, Pablo Diaz, Tyron Chang, David M. Keller

141) Trophic Relationships Among Deer, Manzanita and Manzanita Leaf-gall Aphids in the Big Chico Creek Ecological Reserve, Chico, California. Badri Ghimire

142) Bioinformatic analysis of possible amino acid receptors and transporters in ciliates. Sean Cobb, Gordon Wolfe

143) The Influence of Behavioral Thermoregulation on Basking Site Selection in the Western Fence Lizard, *Sceloporus occidentalis*. Chadwick McCready, Ethan Snee

144) Size dimorphism in Western Gray Squirrels. Melissa A. Sutton

28th Annual CSU, Chico Student Research Competition

145) Investigating Hot Springs Fungi for Application to Biofuels Production. Bryan M. Ervin

146) The Effects of Overexpression of Class III Peroxidases in *Arabidopsis thaliana*. Julie Lengerich & Dennis Ho

147) Migration Patterns of Flammulated Owls (*Ptiloscops Flammeolus*) from Four Breeding Locations Using Light-Level Geolocators. Shannon Rich

148) Understanding Genetic Regulation of a Factor in Type 2 Diabetes, MicroRNA-375. Alexander Stanton

149) Assessment of Sexual Dimorphism in Western Grey Squirrels (*Sciurus griseus*). Melissa Sutton

150) Assessment of a Non-Invasive Technique to Identify Individual Lizards. Catherine Yasuda

151) 28th Annual CSU Student Research Competition, CSU East Bay

152) Investigating Hot Springs Fungi for Application to Biofuels Production. Bryan M. Ervin

153) Assessment of a Non-Invasive Technique to Identify Individual Lizards. Catherine Yasuda

Western Section of the Wildlife Society Meetings in Reno

154) Shannon Rich– 1st place in student presentation competition for “Migration Patterns of Flammulated owls (*Otus flammeolus*) from Four Breeding Locations Using Light-Level Geolocators.”

155) Catherine Yasuda– 3rd place in student presentation competition for “Photographic analysis of scale-intersection pattern as a means of individual identification of alligator lizards (*Elgaria* spp.)”
January 2013 25th CSUPERB Annual Symposium at Anaheim, CA

156) Dustin Rollins, Melissa Martinez, Alexander Stanton, Rhiannon Guzman, Samantha Steadman and David Keller – “Regulation of microRNA-375 by inducible cAMP early repressor in pancreatic beta cells.”

157) Matt Rogers – Utilizing a species distribution model to identify potential habitat for the yellow-billed cuckoo along the Sacramento River and surrounding drainages. *Western Section of the Wildlife Society – Sacramento CA.; January 29-Feb 4.*

158) Julie Shaw (1st Place) – Characterizing migration patterns, winter habitat and diet of Northern Saw-Whet Owl (*Aegolius acadicus*) in the Sierra Nevada Foothills of California

159) Shannon Rich (3rd place) – Migration patterns for Flammulated Owls (*Otus flammeolus*) from breeding locations in Washington, Utah, Colorado and California using light-level geolocators

The following posters were presented at the College of Natural Sciences 9th Annual Poster Session, May 3, 2013:

160) Liwenzhu Yao, People's choice award winner, "Stop mir-425, save diabetes patients."

161) Julie Shaw - Characterizing winter ecology of Northern Saw-Whet Owls (*Aegolius acadicus*) in the Sierra Nevada Foothills of California

162) Matt Rogers – Utilizing a species distribution model to identify potential habitat for the yellow-billed cuckoo along the Sacramento River and surrounding drainages.

163) Rachel Francis - Ecological trajectory of a restored Sierra Nevada montane meadow

164) Shannon Rich - Migration patterns for Flammulated Owls (*Otus flammeolus*) using light-level geolocators

165) Erin Gottshalk-Fisher – Road to Recovery: Introduction of two rare vernal pool grasses: *Neostapfia colusanna* (Colusa Grass) and *Tuctoria greenei* (Greene's Tuctoria)

166) Dawn Garcia, Colleen Hafield, Joseph Silveira – Six months as a data domestique: Rectifying the Sacramento River, California Bank Swallow (*Riparia riparia*) Colony Inventory database: 1986-2010

167) Donald G. Miller, Colleen A. Hatfield, Rebecca M. Holden – Colonization of *Arctostaphylos* host plants by *Tamalia* galling aphids during succession following wildfire

168) Abigail R. Whittaker, Colleen Hatfield, Vasilissa Derugin – Managing for the Future: Analyzing the Effects of Structural Landscape Composition on Animal Visitation in the Sacramento River Corridor

170) **Jeff D. Mabry** – Support for the Accumulated degree-day hypothesis for decomposition on exposed carrion in the California Central Valley using Sus scrofa

171) **Bryan Ervin**, Gordon V. Wolfe – Hot springs fungi and lignocellulose degradation

172) **Alexander Stanton, Melissa Martinez**, David M. Keller – Regulation of microRNA-375 by inducible cAMP early repressor in pancreatic beta cells


174) **Melissa Clark** – Demographic Dependent Fall Migration Patterns of Northern Saw-Whet Owls in Chico, California

175) **Blake Brousseau, Nicole Fugate, Jeremy Hoptowit, Mlchelle Grek, Gem Larson, Coral Maier, Andrew Rich, Lindsey Richardson, Ashil Robertson, Alexander Stanton, Maria Vargas, Sonia Vasquez, Mackenzie Whipple** – Characterization of Bacteriophages Isolated from Sewage and Compost

176) **Breanna Roberts** – Effects of Prescribed Burns on Soil Nutrients and Properties of Northern California Oak Woodland

177) **Elizabeth McElroy** – Foothill Yellow-legged Frog Population Report for Humbug Creek, Hiller Tunnel, and Diggins Ponds: Visual Encounter and Habitat Assessment Surveys of Foothill Yellow-legged Frogs (*Rana boylii*)

178) **Nathan Giordano, Remy Noll, Heather Quigley** – Effect of exendin-4 and glucose on GLP-1 receptor internalization.

**27th Annual CSU, Chico Student Research Competition:**

179) **Erin E. Gottschalk Fisher, Botany (MS).** “Evaluating the Potential for Introduction and Restoration of Two Rare Vernal Pool Grasses, Colusa Grass and Greene's Tuctoria.”

180) Northern California Botanists Symposium, January 2013, CSU Chico

181) **Erin E. Gottschalk Fisher, Botany (MS).** “Evaluating Introduction and Restoration of Two Rare Vernal Pool Grasses, Colusa Grass and Greene's Tuctoria.”

182) **Rachel Francis** – Ecological trajectory of a restored Sierra Nevada montane meadow

   *California Botanical Society Centennial Symposium – UC Berkeley, Berkeley, CA. April 2013:*

183) **Erin Gotshalk-Fisher** – Road to Recovery: Introduction of two rare vernal pool grasses: *Neostapfia colusanna* (Colusa Grass) and *Tuctoria greenei* (Greene's Tuctoria)

184) **Rachel Francis** – Ecological trajectory of a restored Sierra Nevada montane meadow

   *Middle Sacramento River Science Conference – June 2013:*
Matt Rogers – Utilizing a species distribution model to identify potential habitat for yellow-billed cuckoo along the Sacramento River

100th Anniversary Meeting of the California Botanical Society:
Evan Padgett, Jason Mills, Gina Sideli, Ayla Mills (best proposed research)

California/Nevada Amphibian Population Task Force 2013 Meeting:
Ninette Daniele, Mike Castillio, Jada White, Tag Engstrom – Health Assessments of Western Pond Turtles from Two Northern California Populations

Ninette Daniele, Jada White – Hands-on, Minds-on” 3rd Grade Teaching Module: Life History and Population Ecology of Turtles


Utilizing a species distribution model to identify potential habitat for the yellow-billed cuckoo along the Sacramento River and surrounding drainages (Don Miller with Matt Rogers, Colleen Hatfield, Jay Bogiatto, Joe Silveira and Chrissy Howell). The Wildlife Society Western Section 2013 Annual Meeting, Sacramento, CA Jan 30-Feb 1.

D. Miller, C. Hatfield and R. Holden. Colonization of host plants by Tamalia galling aphids during succession following wildfire (talk) Northern California Botanical Conference

Gottschalk Fisher, E.E., Silveira, J.G., Griggs, F.T., and Hatfield, C.A. Evaluating Introduction and Restoration for Two Rare Vernal Pool Grasses, Neostapfia colusana (Colusa Grass) and Tuctoria greenei (Greene’s Tuctoria) Erin Invited Speaker Northern California Botanical Conference

Francis, R., and C. Hatfield. Assessing Ecological Integrity of Montane Sierra Nevada Meadows across a Disturbance Gradient. (Poster) Northern California Botanical Conference

Rogers, M. and C. Hatfield – Utilizing a species distribution model to identify potential habitat for the yellow-billed cuckoo along the Sacramento River and surrounding drainages. (Poster) Western Section of the Wildlife Society – Sacramento, CA. January 2013

Shaw, J. J. Bogiatto and C. Hatfield – Characterizing migration patterns, winter habitat and diet of Northern Saw-Whet Owl (Aeogolius acadicus) in the Sierra Nevada


J. Mills, K. Schierenbeck, and D. Hankins. Reestablishing the competitive hierarchy in an invaded California grassland through the process of habitat restoration following the prescribed burn of Centaurea solstitialis California Botanical Society Centennial Meeting. Berkeley, CA. April 2013


3) Accepted into graduate or professional training programs (31 total)

1) Malory Brown, Ph.D. program at Stanford University
2) **Ana-Lucia Barragan Trejo** will be attending medical in the fall at UC Davis, offered a $100,000 dollar scholarship to funded her education

3) **Elizabeth Bianchini** will be staying at Chico State to do a Master’s on avian influenza viruses

4) **He-Lo Ramirez** received a Nor CAL PRIE grant ([http://www.csuchico.edu/soe/prie/](http://www.csuchico.edu/soe/prie/)) which is a program to support teacher training for Native Americans interested in teaching other Native Americans – they are especially interested in STEM disciplines

5) **Anja Brown** (Fall 2015 graduate) was accepted into a PhD program at Cedars Sinai (Program in Biomedical Science and Translational Medicine) in LA

6) **James Darden** - Yale University accelerated nurse practitioner program

7) **Kurt Hennigan** – CLS program at Vanderbilt Univ., Nashville, TN

8) **Megan Jace** - CLS program at Baptist Medical Center in Montgomery, AL

9) **Payton Laurie** (Spring 2015 graduate) will join the Stachura lab to complete his MS.

10) **Jillian McCool** is doing an internship at Lawrence Livermore National Lab this coming summer and is then going on to the teaching credential program at CSU Chico.

11) **Alexa Woodward** - accepted to Columbia University MS program in Bioethics

12) **Ashley Young** - optometry school in Oregon

13) **Alexander Stanton** Tufts University Biomedical Sciences Ph.D. Program

14) **Gage Alvernaz** Alabama College Of Osteopathic Medicine

15) **Guzman, Rhiannon** Minn-Minneapolis (Md)

16) **Frost, Mackenzi** USF Health Morsani College Of Medicine (Md)

17) **Babo, Kara** Cincinnati (Md)

18) **Anderson-Terhune, Dustin** Florida, Combined Medical Degree/Graduate (Md/Phd)

19) **Arturo Berrun**- accepted to Master's program in Biology, Chico

20) **Candice Sawyer**- accepted to Master's program in Biology, Chico

21) **Pablo Diaz**– accepted to Master's program in Biology, graduated 2017 Chico

22) **Holly Cochran**– accepted to Master's program in Biology, Chico

23) **Julie Lengerich**– accepted to Master's program in Biology, Chico

24) **Courtney Silver**– accepted to Master's program in Biology, graduated 2017 Chico
25) Samantha Steadman – Campbell University Pharmacy School, Buies Creek, NC

26) Melissa Martinez – Ph.D. program in Cancer Biology at the University of South Florida, Tampa, FL

27) Adam Wagner – Pacific University of Oregon School of Pharmacy

28) Areeje Almasary – PhD program in Microbiology, UC Riverside

29) Molly Thompson – MS program Virginia Tech

30) Leah Jacobs – MS program Cal State Northridge

31) Sara Luse – MS program University of Cincinnati

4) Accepted into summer research programs or internships (12 total)

1) He-Lo Ramirez was recruited for an internship by the Mechoopda Chico Rancheria Environmental Office of Planning and Protection. The project will involve riparian restoration along Clear Creek, including management of invasive species.

2) Alicia Flores was accepted into a Microbiology REU program at The University of Tennessee for summer 2017

3) Baylee Russell – REU program at Portland State Univ.

4) Malory Brown – REU program at Georgia Tech

5) Matt Clark - REU program at Konza Prairie Long Term Ecological Site in Kansas

6) Moriah Edwards - Michigan Health Sciences Undergraduate Research Academ

7) Alan Mata - summer internship Position with the USGS and UC Davis studying ring-necked pheasant population declines

8) Sarah Santich - Internship at UC Santa Cruz Marine Mammal Center

9) Luke Urlie - working with CalFire for the summer


11) Aithne Loeblich - working on the on-going bat monitoring project at BCCER and the University Farm

12) Shannon Rich - working with the Cal Fish and Wildlife at the Upper Butte Basin Wildlife Area
5) **Offered professional positions (12 total)**

1) Graduating Senior **Carson Odegard** will be starting a full-time position with the California Waterfowl Association in Northern California

2) **Kathryn Hughes**, one of our fall 2016 EEO graduates, will be working as a Wildlife Technician for Delta Waterfowl in the Bakken Formation of North Dakota to determine the effects of oil and gas development on Waterfowl nesting ecology.

3) **Natalie O’Connor** - will work as Field Research Assistant for the BLM (Bureau of Land Management) working on northern Spotted Owl population surveys in southern OR

4) **Shannon Rich** (MS) - will begin her 2nd field season working for the California Department of Fish and Wildlife at the Upper Butte Basin Wildlife Area

5) **Courtney Silver** (MS) - invited to join the “Cresta Foothill Yellow-legged Frog Technical

6) **Cody Gilio** - Research assistant at Monsanto, Inc., Woodland, CA.

7) **Tryon Chang** Research Assistant, UT Southwestern Medical School

8) **Amanda Sloan** Enloe Hospital, CLS Intern

9) **Gina Sidcli** Genetics Technician At Cold Spring Harbor, NY

10) **Raj Bola** BioClinica, Newark CA

11) **Shannon Rich** Scientific Aid California Department of Fish and Wildlife

12) **Matt Rogers** Scientific A

6) **Awards and Grants (67 total)**

1) NSF Major Research Instrumentation (MRI): Acquisition of a fluorescence-activated cell sorter (FACS) to enhance high-impact learning 8/1/16-7/31/17 Funded $544,343
   Principal Investigator: David Stachura, Ph.D. Co-PIs are Gordon Wolfe, David Keller, Troy Cline, Carolynn Arpin [Chemistry], and Senior Personnel Elena Harris [Computer Science])

2) Research, Scholarly, and Creative Activities (RSCA): Encouraging Vertebrate Blood Cell Development. 6/1/16-12/31/16. Funded $5,252. Principal Investigator: David Stachura, Ph.D. California State University, Chico, Chico, CA. Role: Full-time Investigator

3) College of Natural Sciences Grant Stimulus Program (GSP), 2016. 6/1/16-12/31/1 Funded $5,000. Principal Investigator: David Stachura, Ph.D. California State University, Chico, Chico, CA. Role: Full-time Investigator
4) Molecular Control of the Vertebrate Hematopoietic Niche: California State University Program for Education and Research in Biotechnology (CSUPERB) Faculty-student collaborative research: New investigator grant program. 6/1/16-12/31/17. Funded $15,000. Principal Investigator: David Stachura, Ph.D. California State University, Chico, CA. Role: Full-time Investigator

5) Research, Scholarly, and Creative Activities (RSCA): Genetic regulation of the hematopoietic niche. 6/1/17-12/31/17. Funded $5,986. Principal Investigator: David Stachura, Ph.D. California State University, Chico, CA. Role: Full-time Investigator

6) NIH-Academic Research Enhancement Award (AREA)-R15. PI: Keller. 09/19/2016 – 08/31/2019 Funded $353,750. A primate-specific double-negative feedback loop between microRNA-375 and CREM

7) CSU Chancellor’s Office Grant. Proven Course Redesign—Genetics. Funded $8864. PI: Keller. 7/1/16-6/30/17


9) Banet, A.I., “Tehama County Side Channel Restoration to Benefit Endangered Winter Run Chinook Salmon”, US Bureau of Reclamation Contract, $18,548,278 (Amount devoted to Banet Lab: $512,371), Non-competitive contract in negotiation


12) David Stachura, Molecular Control of the Vertebrate Hematopoietic Niche, California State University Program for Education and Research in Biotechnology (CSUPERB) Faculty-student collaborative research: New investigator grant program, 6/1/16-12/31/17, Funded $15,000.


14) California State University, Research, Scholarly, and Creative Activities. Funded $5999.40 Exploring patterns of herbivory resistance and phenolic chemistry in Valley Oak (Quercus lobata) PI C. Ivey

15) Dylan Stompe (advisor: M. Banet) was awarded a $12,000 scholarship from the Northern California Water Association that funds his thesis work “Sacramento River predation rates among native and non-native predatory species.”
16) Grant for Exceptional Level of Service for Lecturers – used for release time to plan and implement the Department of Biological Sciences Career Fair. PI: R. Brunelli


18) Don G. Miller was selected as a Lantis Endowed University Chair. He will receive $40,000 to advance his research and/or student-centered project.

19) Cody Rice and Mitchell Bamford each received funding from both the California Native Plant Society and the Northern California Botanists for a total of $3,000 ($1500 each; advisor: K. Schierenbeck).

20) US Bureau of Reclamation Contract. Amanda I. Banet, Collaborator. River Reconnections – Restoring Historic Side Channels to Benefit Sacramento River Salmonids. $16,950,834 total, of which $373,079 is devoted exclusively to the Banet Lab.


25) CSUC Student Research and Creativity Summer Award, awarded to undergraduate Drew Nielsen (Research Advisor: Amanda Banet). Effects of Temperature on Digestion Rates and Gastric Evacuation Time in Striped Bass, Morone saxatilis. Funded $2500.


29) Brunelli, R. and Whitlock, D. 2015 CELT Learning Enhancement Grant for Continued Improvement of BIOL 102 Funded $5,000

30) Cline, T. Funded $5,000 RSCA for Fall 2015; Avian influenza virus surveillance in the Pacific Flyway –

31) Dubie, R. Funded $7,344 CSUC Research Foundation Project #69949. Sponsored Research.

32) Dubie, R. Funded $10,000 CSUC Research Foundation/Alumni Funded Project #06274


34) R. Teasdale and C. Hatfield, InTeGrate Sustainability: Incorporating InTeGrate curriculum in the Sustainability GE Pathway at California State University, Chico. Science Education Resource Center (SERC), Carleton College. Funded $50,000. Will involve a total of eight faculty working within the GE Sustainability Pathway to build curriculum that bridges different classes within the pathway.

35) Fletcher and C. Hatfield. Sense of Place II. Campus as a Living Lab (CALL) CSU System Program. Funded $24,100. Project adds an additional six buildings to the existing four buildings that are part of the energy management tool that can inform campus energy operations and integrate into the sustainability curriculum.

36) Ivey C.T. California State University, Chico, CELT, Faculty Learning Community, Funded $500. Write an article in twelve weeks.

37) Brian Lindaman PI; Bev Marcum Co-PI California Math Science Partnership - Cohort 10 - iSTEM Project - (integrated STEM K-6 ) Funded $1,500,000 CDE-Fed pass through (CSU, Chico subcontract from Butte County Office of Education)? 1/1/14-6/30/17

38) Bev Marcum CA Department of Water Resources - Floodplain Ecology of the Sacramento River. DWR-State, Funded $10,895 1/1/15-6/30/16

39) Bev Marcum California Science Project - Inland Northern 2014-2017 Teacher Leadership for the Next Generation - State Funding from California Subject Matter Projects (CSMP) from the University of California Office of the President. Funded $21,000. First year of three year cycle: July 1, 2014 - June 30, 2015

40) Bev Marcum California Science Project - Inland Northern 2014-2017 Teacher Leadership for the Next Generation - Federal Funding (NCLB) Funding for California Subject Matter Projects (CSMP) from the University of California Office of the President. Funded: $41,000 First year of three year cycle: July 1, 2014 - June 30, 2015

42) Bev Marcum  California Math Science Partnership - Cohort 11 - Science and Environmental Engineering for Secondary Teachers Project - (SEES) Funded: Anne Stephens - PI; Bev Marcum - Co-PI CDE-Fed pass-through (CSU, Chico subcontract from Tehama County Department of Education) Funded $1,800,000 1/1/15-6/30/18


44) Cline, T. “Mechanism and functional impact of H5N1 influenza virus replication in macrophages” CSU Chico Faculty Development Grant, Funded $5,000. October 2013.

45) Cline, T. “Mechanism and functional impact of H5N1 influenza virus replication in macrophages” CSUPERB; New Investigator Grant Program, Funded $15,000 February 2014


50) Arturo Berrun. 2nd place, 31st Annual Student Research Competition (Spring 2017).

51) Jose Gonzales. Accepted to UC Davis Post Bacc for Medicine.

52) Hannah Metzger. Student Award for Research and Creativity ($1,696, spring 2017)

53) Nick Balfour - $2500 Scholarship to attend a Fish Swimming Physiology Course at Friday Harbor Laboratories

54) Linda Drobatz - $1250 Research Award from the Council on Ocean Affairs, Sciences, & Technology (COAST)

55) Drew Nielsen - $2500 Student Research and Creativity Award

56) Stephanie Parker - 2017 Graduate Studies Academic and Performance Scholarship $1000

57) Sarah Eggert -$500

58) Gin Lawson -$1,700
59) Courtney Silver - $1,700

60) Jesse Smith - $4,000

61) Julian Aggio - $2,250

62) Mallory Brown - $2,400

63) Stephanie Elliott - $1,913

64) Graduate Equity Fellowship:
    Pablo Diaz - $3,100?

65) Gin Lawson - $3,100?

66) Courtney Silver - $3,100?

Robert Noyce Scholarships:
67) Jillian McCool - $12,000