

2016  
Faculty Recognition  
Scholarly and Creative Activity



2016 FACULTY RECOGNITION  
Scholarly and Creative Activity

Wednesday, March 23, 2016  
12:00 noon – 1:30 p.m.  
Titan Student Union

**Luncheon**

*Call to Order*

**Dr. Laura Lohman**  
Director, Faculty Development Center

*Welcoming Remarks*

**Dr. Shari McMahan**  
Deputy Provost/Associate Vice President for Academic Affairs

*Keynote*

*The Discovery of Gravitational Waves from a Binary Black Hole Merger*

Dr. Josh Smith, Associate Professor of Physics  
Dr. Jocelyn Read, Assistant Professor of Physics  
Dr. Geoffrey Lovelace, Assistant Professor of Physics

*Recognition of Faculty*

*Closing*

**Dr. Laura Lohman**





## COLLEGE OF THE ARTS

### **Andy Fedak, MFA, Department of Visual Arts**

Assistant Professor Andy Fedak creates digital videos and films using animation software and Hollywood production techniques. His scholarship includes themes of augmented realities and anarchist histories. This past fall, his work was selected by curator Marco Rios for a distinguished one-person exhibition at the Luckman Fine Arts Complex (Los Angeles, CA) and was reviewed in *Artillery Magazine*. Other works were screened at the Ottawa Animation Festival (Canada), Mexico City Museum of Fine Art (Mexico), and Academy of Electronic Arts (India). Regionally, his work was selected for a two-person exhibition at Arcade Gallery, Marymount California University (San Pedro, CA) and reviewed in *LA Weekly*. He also was awarded a national Art Matters Foundation Fellowship, given to artists “who make work intending to break ground aesthetically and socially.”

### **Wendy Grieb, MFA, Department of Visual Arts**

Assistant Professor Wendy Grieb creates award-winning illustrations for children’s literature and animated storyboard art for television productions. She continues to illustrate the acclaimed children’s book series *Monster and Me* with author Paul Czajak, published by Scarletta/Mighty Media Press (Minneapolis, MN). These books have received numerous awards: most recently the 2015 Silver Moonbeam Children’s Book Award winner for Best Picture Book Series. She also makes animated storyboard art for television productions and is a freelance storyboarding artist for Walt Disney TV Animation. She has drawn the characters and their choreographed actions for songs featured in animated productions, including for the internationally televised series *Phineas and Ferb* and *Star and the Forces of Evil*.

### **Julie Orser, MFA, Department of Visual Arts**

Assistant Professor Julie Orser creates videos, photographs, and video installations about femininity, repetition, desire and place. She recently completed two major solo exhibitions. One, at the Luckman Fine Arts Complex (Los Angeles, CA), was reviewed in KCET’s *Artbound* and was partially funded by her awarded grant from the Center for Cultural Innovation (Los Angeles, CA). The second was her first solo museum exhibition at the New Media & Digital Art Gallery at The New Britain Museum of American Art (New Britain, CT). She has also exhibited at the Norton Museum of Art (West Palm Beach, FL), Shoshana Wayne Gallery (Santa Monica, CA), Irvine Fine Arts Center (Irvine, CA), and Simon Preston Gallery (New York, NY). She collaborated with artists, chefs, and CSUF students on a large culinary event, called *Los Angeles Eats Itself* (reviewed in *LA Weekly*), by producing video projections, planning the event, and designing the menu.

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## MIHAYLO COLLEGE OF BUSINESS AND ECONOMICS

### **Dr. Gerard Beenen, Department of Management**

Gerard Beenen is an associate professor of management whose research quality and productivity exceeds department expectations. Since 2013, he authored or co-authored 14 publications (10 as lead or solo author, two with CSUF students now pursuing Ph.D.s) on topics pertaining to workplace motivation and learning, and management education. His 14 publications include four articles in A-level peer-reviewed journals (*Organizational Behavior & Human Decision Processes*, *Human Resource Management*, *Academy of Management Learning & Education*) (3 as lead or solo author), two other scholarly peer-reviewed articles, two practice-oriented articles, three book reviews in an A-level journal (*Personnel Psychology*), and a co-authored scholarly book chapter. His thriving research pipeline includes 11 working papers, three of which are now under peer review with scholarly journals. Since 2013, his research has been presented at prestigious scholarly conferences including Academy of Management, Society of Industrial and Organizational Psychology, and the European Group for Organizational Studies.

### **Dr. Gabriela Best, Department of Economics**

In the last three years, Professor Best has published or has acceptance of four papers, journals, two of them in top field journals. Her paper: “Fear of Floating or Monetary Policy as Usual? A Structural Analysis of Mexico’s Monetary Policy” studies monetary policy in Mexico after the Tequila crisis of 1994. The papers “A New Keynesian Model with Staggered Price and Wage Setting under Learning” and “Policy Preferences and Policymakers’ Beliefs: The Great Inflation” examine monetary policy in the context of having economic agents that learn in real time about the structure of the economy. This learning mechanism affects their expectation formation process about inflation and income. Lastly, “Monetary Policy and News Shocks: Are Taylor Rules Forward-looking?” measures the forward looking behavior of the Fed, specifically how monetary policy news events affect the economy.

### **Dr. Steven Chen, Department of Marketing**

In the past year, Steven Chen has published three research manuscripts in high quality journals in the marketing and management areas. Currently, Steven has six other manuscripts under review, which contribute to his specializations in design management and transnational cultural products. Notably, his paper titled, “Prosumer Motivations in Service Experiences,” received the Best Paper of the Year Award at the *Journal of Service Theory and Practice*. By focusing on the social motivations for service engagement, this paper derives profound implications for designing service ecosystems that augment socialization and customization. Two other papers explore contemporaneous marketing phenomenon. In his *Journal of Advertising Research* piece, Chen and his co-authors identify important variables for entrepreneurs who are designing crowdfunding (e.g. Kickstarter) campaigns. In a paper published in *International Marketing Review*, he develops a framework for marketing cultural products (e.g. music) to consumers who may not understand the products’ language.

### **Dr. Wei Jiang, Department of Accounting**

Professor Jiang has had many articles published or accepted for publication in peer reviewed journals. Among the publications, they have been ranked A+, A and B level journals. In addition, Professor Jiang has presented papers at national and regional conferences. He has also been the recipient of several research awards and honors, including the College publication award and the University Faculty Recognition for Scholarly & Creative Activity in 2013. He received the Moss Adams Accounting Research Fellow in 2012. Professor Jiang teaches ACCT 597, which is the project class for accounting graduate students. He currently serves as the MS Accountancy advisor. In 2013, he served as the program chair of the Southern California Accounting Research Forum.



**Dr. Sherif Khalifa, Department of Economics**

Professor Khalifa's interests include the study of labor markets over the business cycle, with an attempt to explain the cyclical patterns of labor mobility, skill mismatch, skill acquisition, the skill premium and the persistence of unemployment. He also studies the impact of trade openness and outsourcing on labor markets in both developed and developing countries. In addition, Professor Khalifa studies the deep determinants of economic development. His diverse research agenda has culminated in 11 publications since January 2013 in peer-reviewed academic journals such as *Macroeconomic Dynamics*, *Economic Modelling*, *Journal of Housing Economics*, *International Economic Journal*, *Journal of Economic Development*, *Eastern Economic Journal*, *Journal of Quantitative Economics*, *Mathematical Social Sciences*, *The World Economy*, *Journal of Developing Areas*, *Journal of Finance and Economics*, *Applied Economics Letters*, and the *Review of Development Economics*. He has also written a book entitled "Egypt's Lost Spring: Causes and Consequences," published in the summer of 2015.

**Dr. Chiranjeev Kohli, Department of Marketing**

Chiranjeev Kohli specializes in branding and pricing. He was twice awarded MCBE's best faculty award and was recognized as Best Professor by the University's Associated Students. He was honored by the Young Presidents Organization of Southern California for excellence in academia. He has won several other awards. Dr. Kohli's work has been reported in leading academic journals and media outlets. *National Public Radio* has also done a segment on his work. As an expert in branding, he has consulted for companies like Autodesk, Bionutrics, Canon USA, Hylands, Spherion, Taco Bell, and Verizon, and has offered seminars in several countries.

**Dr. Vivek Mande, Department of Accounting**

While serving as director of the Center for Corporate Reporting and Governance (CCRG), Dr. Mande published two papers that had direct relevance to firms in Orange County. He also collaborates on research with numerous accounting students. Dr. Mande organizes the annual Haskell & White Academic Research Conference that is a forum for professors, students and practitioners to present papers in the areas of accounting, finance and economics. The SEC Conference is also offered every year and provides updates at the SEC, FASB and PCAOB and features expert panels with 500 people in attendance. Professor Mande continues to publish in high quality academic publications. Professor Mande serves on the editorial board of a well-known accounting journal on regulation (*Research in Accounting Regulation*). Dr. Mande has received many awards and is currently the Ernst & Young Professor of Accounting.

**Dr. Huiran Pan, Department of Economics**

Professor Huiran Pan's research covers an array of important issues concerning the debt and financial crises, the crash of the housing market, the increasing bank instability, financial development, international trade, and their impact on economic growth. During the last three years, she has published five articles in good peer-reviewed journals and currently has one article accepted for publication. Her articles include: "Long-run Equilibrium and Short-run Adjustment in U.S. Housing Markets" (with Chun Wang) in *International Real Estate Review*, forthcoming; "Can Cross-listing Relax Financial Frictions in Trade and Equity Holding" (with Meixin Guo) in *Applied Economics*, 2015; "Co-movement of Government Debt and Economic Growth" (with Chun Wang) in *International Economic Journal*, 2013; "Asset Revaluation and Trade Balance under Liability Dollarization" in *Journal of Economic Development*, 2013; "House Prices, Bank Instability, and Economic Growth" (with Chun Wang) in *Journal of Banking and Finance*, 2013.



**Dr. Shaun Pichler, Department of Management**

Dr. Shaun Pichler is an outstanding contributor to California State University, Fullerton, in teaching, research and service. His research program focuses on understanding fairness and support in organizations. In terms of his scholarly and creative activity over the past three years (since January 2013), he has published ten refereed journal articles, half of which are in “A” journals; three book chapters; has presented more than ten papers at refereed conferences; and has been invited to present his research at top research universities across the world, such as Brunel University (London) and Peking University (Beijing). His research has won numerous awards, such as the Best Paper Award at the Diversity Section Meeting of the American Accounting Association (for the entire conference), and has been cited more than 1,000 times. His research has been featured in or cited by the O.C. Register, Forbes, and the U.S. Congress. Shaun regularly involves students in his research, and has co-authored multiple refereed articles and conference papers with students. Shaun also regularly presents findings from his research to local business organizations, such as Association of California Cities - Orange County, Experian, St. Jude, and Ventura Foods (all over the past three years).

**Dr. Myungsoon Son, Department of Accounting**

Professor Son remains committed to publishing in high-quality journals. His research as a tenured faculty member is prolific. He conducts research in the areas of capital markets, audit quality and international accounting, as well as audit fees. Professor Son is committed to research and shares information with his students. He directs graduate students in ACCT 597 and teaches how to conduct research and prepare the thesis paper. Professor Son has assisted with the Center for Corporate Reporting and Governance (CCRG) research program and has engaged in research on financial reporting and corporate governance issues affecting firms located in Southern California. Dr. Son has worked with fellow faculty members on the student Case Competition, which students learn the importance of teamwork while gaining experience in research and analyzing accounting literature. Professor Son has also judged the student competition teams. In 2013, Professor Son received the Ernst & Young Professorship in Accounting award.

**Dr. Ofir Turel, Department of Information Systems and Decision Sciences**

Dr. Ofir Turel has published over 60 peer reviewed journal articles, mostly in very prestigious journals. These papers made an impact on the research community in the management information systems field; some were cited more than 300 times as per Google Scholar. These publications have placed Dr. Turel in the list of top 100 researchers world-wide in MIS. Consequently, Dr. Turel is often invited to give seminars and train professors in many countries (e.g., in the last several years he was invited to universities in Canada, Austria, China, Hong Kong, Israel and the Netherlands). His work was featured in many media outlets across the globe, including newspapers such as *LA Times*, *OC Register*, *The Daily Mail*, *The Telegraph*, *The Mirror*, and *The Guardian*; TV stations such as NHK (Japan), and radio stations (e.g., Sputnik, Russia).

**Dr. Xiaoying Xie, Department of Finance**

Professor Xiaoying Xie has been quite productive in scholarly and creative activity over the past three years. Her research focuses on topics in insurance. During the 2013-2015 time period, she published five papers, including in the top-rated *Journal of Risk and Insurance*. She has presented her work at international insurance research forums, including the World Risk and Insurance Economics Congress which brings together academics from Europe, Asia, and the United States once every five years. She has also won best conference paper awards at the Asia Pacific Risk Management and Insurance conference.



**Dr. Jing Yang, Department of Finance**

Professor Jing Yang has been especially productive in scholarly and creative activity over the past three years. Her research spans finance and real estate topics. During the 2013-2015 time period, she has published five papers, two in highly rated finance journals (the *Review of Finance* and *Journal of Corporate Finance*) and three in the *Journal of Real Estate Research*, one of which won a prize as the best article published in that journal during calendar year 2013. Moreover, she is an energetic researcher with multiple papers in progress and frequently presents her work at international conference venues.

**Dr. Dawit Zerom, Department of Information Systems and Decision Sciences**

During the last three years, Dr. Dawit Zerom has published six peer reviewed journal articles (where five involve only one co-author) in very prestigious journals such as *Oxford Bulletin of Economics and Statistics*, *International Journal of Forecasting* and *Communications in Statistics – Theory & Methods*. These papers have made an impact on the research community in the Decision Sciences field. According to Google Scholar, in the 3 year period, his research results were cited 320 times. In 2015 alone, his papers were cited 94 times. In each of the last 3 years, his MCBE publication points were over 48 points, and as a result Dr. Zerom received the “Continued Excellence in Publications” award by the college.

**Dr. Fang Zhang, Department of Economics**

Dr. Fang Zhang’s solo-authored work “Monetary Policy for Rationally Inattentive Economies with Staggered Price Setting” was published in 2014 in *Journal of Economic Dynamics and Control*, an A- ranked journal by Mihaylo College. The paper is one of first to examine monetary policy design when businesses rationalize their imperfect learning about economic conditions and cannot frequently adjust their prices, and the results have important policy implications. Her other projects, “Rational Inattention in Uncertain Business Cycles” and “The Macroeconomic Effect of Uncertainty Shocks: The Role of the Financial Channel” study other important economic issues and have methodological contributions. The projects are at an advance stage of review in A-ranked journals such as *Journal of Money, Credit, and Banking* and *Journal of Economic Dynamics and Control*. She presented her work at prestigious conferences, such as the Midwest Macroeconomics Meetings, Midwest Economics Association Meetings, and Western Economic Association International Annual Meetings.



## COLLEGE OF COMMUNICATIONS

### **Dr. Tenzin Dorjee, Department of Human Communication Studies**

Dr. Dorjee accomplished 17 scholarly and creative activities. He co-authored three referred articles in journals such as the *Journal of Intercultural Communication Research*. He authored or co-authored five book chapters in scholarly handbooks and encyclopedias, namely *The Sage Handbook of Conflict Communication (2nd ed.)*, *The Sage Encyclopedia of Intercultural Competence*, and the *International Encyclopedia of Social and Behavioral Sciences (2nd ed.)*. He also presented three competitively-selected convention papers and six competitively-selected panels and presentations at the conventions of the National Communication Association and the Western States Communication Association. Many of these prestigious journal articles and international encyclopedias he co-authored with his intercultural communication faculty colleague and graduate students. Both domestic and international communication scholars have read and cited his works in their publications. His scholarly activities have contributed substantively to understanding the intersections of identity, conflicts, and intergroup-intercultural communication.

### **Dr. Jule Selbo, Department of Cinema and Television Arts**

Dr. Selbo published three books. *Women Screenwriters: An International Guide* (Palgrave Macmillan), co-edited with Jill Nelmes, is a comprehensive volume providing an in-depth look at over 300 female screenwriters from 1896 to today in 60 filmmaking nations of the world. *Screenplay: Building Story through Character* (Routledge) teaches the craft of screenwriting using her own original approach to story structure, the 11-Step Character Arc. *Film Genre for Screenwriters* (Routledge) explores the characteristics of different genres as they apply to the art of writing. Additionally, she published two book chapters and authored two produced plays (*Boxes, Open Door*). She also published a journal article and a book introduction, along with speaking and presenting at a variety of venues. Moreover, she is a co-editor of the *Journal of Screenwriting* (Intellect Press). Her scholarly and creative output over the past three years has added immensely to the study and practice of narrative writing.

### **Dr. Andi Stein, Department of Communications**

Dr. Stein has achieved several publications and presentations on entertainment and tourism communications. She is author of a new book, *Attracting Attention: Promotion and Marketing for Tourism Attractions* (Peter Lang). This text offers information about how to promote and market tourism attractions for maximum results. She also published a book chapter, "The Mouse that Scored: Disney's Reconfiguration of ESPN and ABC Sports," in *The ESPN Effect: Exploring the Worldwide Leader in Sports*. Additionally, she has given numerous presentations on communications topics, including entertainment, tourism, public relations, and journalism. Her scholarly accomplishments during the past three years have substantively advanced the field of entertainment communication studies, both theory and practice.

### **Dr. Doug Swanson, Department of Communications**

Dr. Swanson has published one book chapter, one academic journal article and one trade publication article. He also made nine presentations to academic conferences. Swanson's book chapter, "Neither Cold Nor Hot: Assessing Christian World Wide Web Sites that Target LGBT Publics," was published in *Coming out of the Closet: Exploring LGBT Issues in Strategic Communication with Theory and Research*. Dr. Swanson frequently seeks opportunities to involve students in his research. One recent example is *Monsters, Ghosts and Coasters; Noise, Toys, and Sea Creatures: Comparing Six Major Theme Park Halloween-Themed Events*. The study was a collaborative effort with undergraduates in Swanson's COMM 362 Public Relations Writing courses. Dr. Swanson has a wide research focus, including investigating the impacts of student mentoring and high-impact practices on student learning. His work during the last three years has contributed significantly to the fields of strategic communications and student engagement.





**Dr. Stella Ting-Toomey, Department of Human Communication Studies**

Dr. Ting-Toomey co-edited one scholarly handbook, *The Sage Handbook of Conflict Communication (2nd ed.)* (31 chapters, 898 pages). The handbook assembles the knowledge base of the field of conflict communication in four contexts and contributes significantly in advancing the theory-practice of conflict negotiation across contexts and cultures. In addition, she published eight refereed journal articles, the majority co-authored with CSUF graduate students. She also authored or co-authored 15 book chapters or research entries to prestigious handbooks and international encyclopedias. Moreover, she presented six competitively-selected conference papers plus participated in three panel respondent activities, and two of the six papers garnered the top-paper recognitions. She also served on the editorial boards of two encyclopedias relating to intercultural communication. Taken together, Dr. Ting-Toomey’s scholarly activities during the last three years have created a high-quality impact to the intercultural communication and conflict communication fields.

## COLLEGE OF EDUCATION

**Dr. Sharon Chappell, Department of Elementary and Bilingual Education**

Dr. Chappell has a significant publication record that includes publications of the highest quality. Her writing has influenced multiple audiences and stakeholders in education, demonstrating her leadership as an advocate for minoritized youth through arts education. From 2013-2016, Dr. Chappell has published: One book for K-12 educators, teaching artists, and university students and faculty, which has received passionate, strong reviews. The book has also earned Sharon an invitation to key note at SUNY New Paltz in spring 2016. Five high-quality peer reviewed academic journal articles, including a top-tier publication with the American Educational Research Association about the arts and minoritized youth. This publication led to an invited podcast and educational policy blog brief. Multiple blog publications for well-read social justice education magazine, *Teaching Tolerance*, from the Southern Poverty Law Center. Guest editor for a special issue of *Arts Education Policy Review*, focusing on dual language learners, the first focus on emergent bilingual youth for the journal.

**Dr. Debra Cote, Department of Special Education**

Dr. Debra Cote has a record of the highest quality of scholarly activities during the past three years in the areas of peer-reviewed publications and presentations. She has nine refereed manuscripts that have been published in top journals including *Education and Training in Autism and Developmental Disabilities* and *The Review of Disability Studies – An International Journal* and one article that is currently under review. In addition, she has completed two book chapters and several non-peer-reviewed publications in professional organizations’ newsletters which are read by a large group of teachers and administrators in the field of special education. Dr. Cote also has an incredible record of peer-reviewed presentations conducted at national and international conferences and workshops. She has completed 22 high quality research-based presentations as well as more than 10 invited presentations to community groups and university student organizations. Her focus areas are on innovative teacher training methods in special education, autism and developmental disabilities, and international special education.

**Dr. Kath Glasswell, Department of Literacy and Reading Education**

Dr. Glasswell’s research and scholarship activity from 2013-2015 includes one book, one book chapter, six refereed journal articles, one refereed conference paper, eleven refereed conference presentations and US\$1.2 million in research funding for design research initiatives in disadvantaged schools. She has two more books and two book chapters under contract for release in 2016.



**Dr. Terri Patchen, Department of Elementary and Bilingual Education**

Dr. Patchen’s scholarship significantly exceeds the normal expectations of COE faculty in its high quality and rigor. Her deep, multi-method studies on the relationship of classroom participation and collaboration practices to the development of science education have been published in the preeminent journals in the field (e.g., *Research in Science Education*, 2015; *Journal of Research in Science Teaching*, 2014; *Science Education*, 2013), each of which has an acceptance rate of less than 15%, and impact factors that range from 1.268 to 3.02. The recipient of an *Incentive Grant* in 2015, Dr. Patchen strives to include undergraduates in the high-impact practice of her research activities, a task made challenging by the lack of an education major at CSUF. Dr. Patchen further builds upon her research achievements in support of faculty and students alike as the FDC Scholarly and Creative Activities Coordinator and as a faculty fellow for Scholarly and Creative Activities.

**Dr. Estela Zarate, Department of Educational Leadership**

Dr. Zarate’s works are truly exemplary as they include four articles in highly respected journals, two chapters in scholarly books, and three papers presented at national or international conferences. Dr. Zarate’s research interests include equitable access to higher education, college persistence among first-generation students, the educational trajectory of Latino students, family and social context of Latino students’ educational experiences, schooling conditions, and gender differences in schooling experiences.

## COLLEGE OF ENGINEERING AND COMPUTER SCIENCE

**Dr. David Cheng, Department of Electrical Engineering**

In the past 3 years, Dr. David Cheng has published three peer-reviewed journal papers and one international conference paper. The conference and journals are IEEE affiliated. He was invited as a keynote speaker at the “2016 IEEE Information Technology, Networking, Electronics and Control Conference (ITNEC 2016)” in Chongqing, China. He was also invited to give talks and short courses at 6 universities in Taiwan and China. In 2015, he published a book, “Mobile Robot - Dynamic Model Controlling Using Wavelet Network”, with his former student Mohammed Hilfi. Since the summer of 2015, he has undertaken in a flash switch safety testing project and has engaged four graduate students in the project. The project followed UL 20 safety testing requirements to test various commercial flash switches of 7 major companies, including General Electric. The results are summarized in a 50 page report.

**Dr. Kenneth John Faller II, Department of Computer Engineering**

Over the past 3 years Dr. Kenneth John Faller has published 2 journal papers, a book article, and a NASA technical paper. He frequently gives talks at international and national conferences, and has several articles published in conference proceedings. He also has a journal manuscript under review for publication in the IEEE Transactions on Dependable and Secure Computing (TDSC). He often includes students in his research which is evident by his record of engaging more than 14 undergraduate and graduate students in hands-on research. During the summer 2013 semester, he received a summer research fellowship through the Department of Homeland Security (DHS). For this appointment, accompanied by a Computer Engineering undergraduate student, he spent 10 weeks in a research laboratory at the University of Arizona. This appointment has resulted in several conference presentations and a manuscript is currently being written for submission to a journal.



**Dr. Pratanu Ghosh, Department of Civil and Environmental Engineering**

Dr. Ghosh joined the Civil & Environmental Engineering (CEE) Department in Fall 2011. His research involves the sustainability and durability investigation of civil infrastructure system. Several students in his research group participated in CSUF students' research competition and in the ECS Research Showcase Day. Two of his students were awarded the Eisenhower Fellowship to continue research on sustainable concrete materials. Another student won the ECS outstanding researcher award and was awarded 2nd place in statewide CSU student research competition. Dr. Ghosh also hosted students from France and Brazil and a research scholar from China to work on his research. He is currently serving as a research coordinator and is also an active member of TRB (Transportation Research Board) national committees. From 2013-2015, Dr. Ghosh has published four journal papers and peer-reviewed TRB conference papers with his students. Recently, Dr. Ghosh was awarded the CSUF Incentive Grant to expand his research.

**Dr. Haowei Wang, Department of Mechanical Engineering**

Since joining the mechanical engineering department in fall 2012, Dr. Haowei Wang has been an invaluable faculty member. He has been making great contribution in the areas of combustion of alternative fuels and heat exchanger design. His endeavor has resulted in 8 peer reviewed research articles, in which three were coauthored with our mechanical engineering students. In 2014, he was awarded with an external grant from California Energy Commission, in recognition of his outstanding work. What clearly distinguishes Dr. Wang is his selfless dedication in helping our students. I have observed him helping students for countless hours on a daily basis in the last several years. His everyday presence in the department has been frequently praised by students with comments such as, "I learn so much from this professor in and outside of the classroom. He is always willing to help us learn better."

## COLLEGE OF HEALTH AND HUMAN DEVELOPMENT

**Dr. Jason K. Baker, Department of Child and Adolescent Studies**

Dr. Baker is Co-Director & Co-Founder, CSUF Center for Autism Dr. Baker is an Assistant Professor of Child & Adolescent Studies and Co-Director and Co-Founder of the *CSUF Center for Autism*. He has published 22 peer-reviewed articles and 49 national conference presentations, and has recently co-authored a chapter in the *Oxford Handbook of Affective Computing*. He utilized a CSUF intramural grant to develop a pilot project on physiological arousal in children with autism spectrum disorder that resulted in numerous manuscripts, high student involvement, and the successful award of an R15 AREA grant from the *National Institute of Child Health and Human Development*. His lab includes a high number of students, and he and his colleague have successfully co-mentored recipients of the CSUF *Outstanding Student Research Award* every year since its inception (2013, 2014, and 2015). Over the past four years, his students have co-authored 23 conference presentations, led 15 presentations, and have co-authored a publication and several manuscripts under review.

**Dr. Jared Coburn, Department of Kinesiology**

Dr. Coburn's curriculum vita is extensive and demonstrates he has been (and continues to be) an active faculty member of the Department of Kinesiology for the past 10 years. Throughout this time, his research efforts and mentoring has produced 92 publications in peer-reviewed journals and 169 abstract/poster presentations at professional conferences. His commitment to developing and supporting student learning is evident in the volume of student led publications and presentations. Of the 92 publications, 94% are authored by students under his guidance. A similar trend is revealed with 97% of abstract/poster presentations authored and presented through collaboration with students and colleagues. In addition, it is worth mentioning that many of these students have gone on to pursuing further graduate education along with being awarded assistantships. In addition to his mentoring, Jared is an exceptional model for his students to follow, as he has remained active as a scholar and teacher.



**Dr. Matt Englar-Carlson, Department of Counseling**

Matt Englar-Carlson has been one of the Department of Counseling’s most productive scholars in the discipline of counselor education. Over the past 3 years he had 6 peer-reviewed journal articles, 4 book chapters, and co-authored 3 books, with 1 more in press. He co-edited a special issue of the *Journal of Counseling & Development* on counseling men. He also co-edited 7 monographs in the *Theories of Psychotherapy* series from the American Psychological Association (APA). This series presents theoretical models of contemporary psychotherapy written by the most prominent scholars associated with each approach. He had 13 peer-reviewed presentations at national conferences (including 6 at the APA Conference, 2 at the Association of Counselor Educators & Supervisors). In June of 2014, he also organized & hosted the 4th Psychotherapy with Men conference at CSUF. This event attracted over 300 participants and brought together the leading national scholars on psychotherapy and men.

**Dr. Rachel M. Fenning, Department of Child and Adolescent Studies**

Dr. Fenning is Co-Director & Co-Founder, CSUF Center for Autism Dr. Fenning’s research accomplishments include eight publications in top-tier venues, two invited book chapters, and more than forty conference presentations. She has obtained funding to support her program of research, including four internal grants at CSUF and two federal grants—most recently, a successful first-round NICHD R15 submission. In addition, she is Co-I and project lead on a large, multi-site HRSA-funded randomized controlled trial of a parent-training intervention to improve oral health in children with autism spectrum disorder. Dr. Fenning also collaborates with Dr. Rubin at CSUF as Co-I on her DOD-funded physical-activity intervention for children with Prader-Willi Syndrome. She has received several grants to support student involvement in research, and activities have eventuated in student co-authored publications, more than 23 student presentations, and multiple student theses. She has mentored more than 25 undergraduate and graduate students at CSUF, with multiple students themselves receiving research awards and honors.

**Dr. Andrew Galpin, Department of Kinesiology**

Dr. Galpin exhibited excellence in teaching, scholarly/research, and service the last 3 years. His success in scholarly and creative activity included: applications for 10 external grants/awards, of which 4 were student PI/Co-PI; 13 peer-reviewed, refereed, manuscripts in high-quality journals, of which 10 involved CSUF students (Undergraduate & Graduate) as co-authors and 10 were student first authored; 44 conference presentations/abstracts, all of which were student first authored and included undergraduate and graduate students from 4 departments on campus, and in collaboration with 12 universities world-wide; 1 peer-reviewed, refereed, manuscript using emerging technology combining human muscle biopsies, laser microscope, and 3D printing; 6 presentations at internationally recognized governing bodies of Kinesiology including 1 “Memorial” annual lecture; 4 book chapters and 3 works with student co-authors.

**Dr. Dennis Kao, Department of Social Work**

Dr. Kao’s research focuses on health disparities among aging minorities and the role of aging-friendly/adverse communities. His current research focuses on understanding the impact of contextual factors (including geography) on the health and well-being of older adults. Recently, Dr. Kao was PI on a John A. Hartford Foundation-funded study that employed a mixed methods approach (including GIS mapping) to explore the activity spaces and health access of older minorities. He is currently a Co-Investigator on several federally-funded studies, sponsored by the National Institute for Justice, National Institute of Drug Abuse, and National Center for Chronic Disease Prevention and Health Promotion. Dr. Kao has authored/coauthored 20 peer-reviewed articles—seven during his relatively short tenure at CSUF—in high impact journals, e.g. *American Journal of Public Health*, *Children & Youth Services Review*, *International Journal of Drug Policy*, *Journal of Aging & Health*, and *Social Work*.



**Dr. Matthew Llewellyn, Department of Kinesiology**

From January 2013 to December 2015 Dr. Llewellyn has published: 11 peer-review articles (5 first-author; 6 2nd-author) all in major international scholarly journals; 1 peer-review book monograph (first author); 4 peer-review book chapters (3 first author; 1 co-author). He also completed two peer-review book monographs which are currently in-press and has almost completed a history and philosophy of Kinesiology text book that will be published in 2017 by Human Kinetics. He has given 5 presentations at major international scholarly conferences in Europe and North America and currently serves as Associate Editor of the *Journal of Sport History*, the most prestigious journal in his field.

**Dr. Sadeeka al-Majid, School of Nursing**

Dr. al-Majid has collaborated with colleagues from UCI since 2013, where she serves as a Co-Principal Investigator on an NIH-funded study entitled *Mi Vida, Mi Salud (My Life, My Health)*. Phase I of this 2-year project has been completed in which lifestyle interventions for symptom management in Latina breast cancer survivors is studied. She has been integral to further developing the team's understanding of the influence of fatigue on health behaviors and outcomes among this understudied population. Dr. al-Majid's expertise in cancer survivorship and factors that contribute to health-related quality of life has been particularly helpful in developing the grant proposal and conducting the study. This innovative study has already led to two poster presentations, several student-led presentations and served as a basis for an R21 proposal that will be submitted.

**Dr. Ruth Mielke, School of Nursing**

Within just the past two years, Dr. Mielke has received \$250,000 in funding from two OSHPD Song-Brown Health Care Workforce Training Act Special Programs of \$125,000 each. One of these allowed purchase of the ScanTrainer making CSUF the only School of Nursing in the US with this simulation tool for students to learn ultrasound scanning skills. Dr. Mielke was first author on a chapter in a groundbreaking text on women's health care, on three articles in peer-reviewed journals, and on a White Paper to reduce Cesarean birth rates, and was second author on a national position statement for the American College for Nurse-Midwives (ACNM). She also had several peer-reviewed podium presentations. Recognizing her contributions to the profession, she was inducted as an ACNM Fellow. Her role as the Coordinator of the Women's Health Care concentration requires clinical currency which she maintains by continuing in clinical practice as a Nurse-Midwife.

**Dr. Jennifer Piazza, Department of Health Science**

Since arriving in fall 2012, Dr. Jennifer Piazza has shown continual growth in scholarly and creative activities. In three years, she has published six exceptionally high-impact empirical papers, received substantial peer accolades and garnered national and international press for her work examining long-term mental and physical health effects of daily stressors. She has also successfully procured intramural and extramural funding to support her research. Dr. Piazza received a CSUF Junior/Senior Intramural Grant and an Incentive Grant to examine how laboratory-induced stressors influence symptomatology among people with chronic pain conditions. Extramurally, she has received funding through the National Institutes of Health for two grants: the first as a visiting researcher on a 2-year \$300,000 NIH NIA grant titled *Aging, Emotional Well-Being and Physical Health*, and the second as PI on an R03 grant titled *Daily stressor reactivity and physical health across the adulthood* (total costs: \$139,100).



**Dr. Elaine Rutkowski, School of Nursing**

Dr. Rutkowski submitted three manuscripts to peer-reviewed journals with two of them co-authored with students. Neither student was willing to pursue a path to disseminate their work, but they were willing to permit Dr. Rutkowski to create manuscripts describing their work and to submit them for publication. One of these has been published and the second is currently “in review”. Also, she successfully published work that was begun during her dissertation, and contributed to a nursing textbook published during this time period. She was accepted and attended nine conferences for peer reviewed podium/poster presentations at international, national, and regional conferences during this time period.

**Dr. Yuying Tsong, Department of Human Services**

During the past three years (January 2013 – December 2015), Dr. Tsong’s record exceeds normal expectations of faculty scholarly work. She has published 5 peer-reviewed journal articles (2 as first author), two externally-reviewed book chapters (1 as first author), and 20 peer-reviewed national presentations (3 with CSUF graduate students). Dr. Tsong also submitted 7 proposals for national conferences in 2015 (6 involved CSUF graduate and undergraduate students), and all of which have been accepted and are scheduled to be presented in March and August of 2016. In addition, Dr. Tsong was an invited speaker at four national conferences, received 8 intramural grants and 2 extramural grants (including 1 supplemental booster grant), each includes a graduate or undergraduate student mentoring component, and the initial findings have been disseminated at national conference presentations. Dr. Tsong’s scholarly and creative achievements are highly commendable.

## **COLLEGE OF HUMANITIES AND SOCIAL SCIENCES**

**Dr. Siobhan Brooks, Department of African American Studies**

Dr. Brooks has published three articles in peer-reviewed journals, presented at national conferences, and served as a reviewer for journals in the field. Her first article, “Beyond Marriage and the Military: Race, Gender, and Radical Sexual Politics in the Age of Neoliberalism,” was published by the online journal, *Scholars and Feminist Journal Online*, from the Barnard Center for Research on Women. The second article, “The Padded Room and the Iron Cage: Motherhood, Surveillance, Welfare, and Mental Illness,” is forthcoming in the *Journal of Women, Gender, and Families of Color*. The third article, “Staying in the Hood: Black Lesbian and Transgender Women, Homophobia, and Identity Management in Philadelphia” was accepted in the *Journal of Homosexuality*. She has a fourth article under review for the *Black Scholar*. Dr. Brooks has presented at the American Sociological Association, obtained internal grants, and served as a reviewer for the journal *Sociology of Race and Ethnicity*.

**Dr. Nathan Carr, Department of Modern Languages and Literatures**

Dr. Carr’s scholarly accomplishments since the Fall 2012 semester include a peer-reviewed book chapter, selected proceedings article, and co-authored encyclopedia article; four peer-reviewed conference presentations; four invited workshops overseas; and service as an editorial board member or reviewer for four journals and a best article selection committee.



**Dr. Natalie Fousekis, Department of History**

Dr. Natalie Fousekis's acclaimed book, *Demanding Child Care: Women's Activism and the Politics of Welfare, 1940-1971* (published by the University of Illinois Press in 2011) was released in paperback in 2013. Using the same sophisticated oral history techniques she deployed in her book, Dr. Fousekis has been involved in subsequent scholarly activities that include five major oral and public history projects: "El Toro Marine Air Station Oral History Project" (2007-2015), "The California LULAC Archival Preservation and Oral History Project" (2012-2015), "The Orange County Politics Oral History Project" (Fall 2013-present), "The Women, Politics, and Activism Project" (Fall 2013-present), and "The CSUF Philanthropic Board/Vision and Visionaries Oral History Project" (2014-present). To fund these projects, Dr. Fousekis has won over \$1,068,550.00 in grants from prestigious organizations including the NEH, the Orange County Great Park Corporation, the California Council for the Humanities, the John Randolph Haynes and Dora Haynes Foundation Archival Grant, and the John Randolph Haynes and Dora Haynes Foundation Major Research Grant.

**Dr. Monica Hanna, Department of Chicana and Chicano Studies**

Dr. Hanna has an impressive high quality peer-reviewed scholarly publication output in three years at CSUF. For example, her article "Chronicling Contemporary Latinidad" appears in the *American Literature* journal, considered the foremost journal in its discipline. In another example, a co-edited book volume, *Junot Díaz and the Decolonial Imagination*, published by Duke University Press, is very significant in her discipline as it is the first critical collection focused on Pulitzer Prize winner Junot Díaz's work and, further, it uses an interdisciplinary approach from the Humanities and Social Sciences to consider Díaz's transnational significance. Dr. Hanna is the very definition of an "emerging scholar" and her scholarship has the potential to make a substantial impact in the field of U.S. Latina/o Literary Studies. Indeed, Dr. Hanna is an accomplished scholar and will continue to make significant contributions to comparative literature through her stellar research agenda.

**Dr. James Hussar, Department of Modern Languages and Literatures**

Professor Hussar's accomplishments since his promotion to Associate Professor (2012) include five articles published in well-regarded, selective, peer-reviewed journals; a peer-reviewed book chapter; a book review in a peer-reviewed journal; and five peer-reviewed conference papers with full text. He has published and presented in English, as well as in Spanish and Portuguese.

**Dr. Zakyi Ibrahim, Department of Comparative Religion**

Dr. Ibrahim is the editor of the internationally recognized *American Journal of Islamic Social Sciences*. His thought-provoking editorials have appeared in each volume. He translated, edited, and supplied the introduction and critical notes for the upcoming volume *Islamic Thought in Africa: The Collected Works of Afa Ajura and His Impact on Northern Ghana* (Yale University Press). He has published numerous peer-reviewed articles and reviews over the past three years, including "Ibn Hazm's Theory of Prophecy of Women: Literalism, Logic and Perfection" in *Intellectual Discourse* (2015). Two of his articles have been translated in recent Turkish journals, and a third just appeared in Dutch translation. He has served as an invited presenter and panelist at international conferences, offered local community lectures, assisted as a peer-reviewer for a number of highly respected journals, and is a leader in his efforts to prompt and expand scholarship on the study of Islam.



**Dr. Edward J. Knell, Division of Anthropology**

Dr. Knell's 2013-2015 Great Plains- and Mojave Desert-based archaeological research produced 1) six peer-reviewed journal articles, 2) a peer-reviewed volume from a major university press, 3) six conference papers, and 4) two grants. The two Great Plains peer-reviewed journal articles are among Knell's most cited papers. The edited volume has significantly improved the understanding of a previously understudied, geographically wide-ranging and long-lasting cultural complex (the Cody complex). The CSUF Mojave Desert Archaeology Project led to three peer-reviewed journal articles and a fourth interdisciplinary collaboration with a CSUF Geological Sciences colleague. Multiple grants have enabled Knell to involve students in his research. Knell's research is ongoing, and provides an avenue to disseminate scholarly research, enhances student learning outcomes, and provides data and ideas that he implements in the classroom.

**Dr. William Marelich, Department of Psychology**

Dr. Marelich has been the lead author or coauthor on 10 publications during the most recent three years, including 7 peer-reviewed articles/monographs, and 3 peer-reviewed encyclopedia entries for various journals and publishing houses. Of particular interest are publications in international journals, including *Vulnerable Children and Youth Studies*, and *Identity*. Much of his research centers on HIV/AIDS populations, along with additional research in the field of human sexuality. The article in *Clinical Child Psychology and Psychiatry* is an excellent example of some of his work, which was a randomized intervention study to assess an outreach program to help children cope with a parent infected with HIV/AIDS. He has also authored/coauthored 7 conference presentations (inclusive of Regional, National, and International conferences) with a number of CSUF students. In addition to being an active reviewer for many highly regarded journals, he serves on the Editorial Board for the *International Journal of Adolescent Health*.

**Dr. Joseph Nevadomsky, Division of Anthropology**

Dr. Joseph Nevadomsky is a Professor of Cultural Anthropology and a scholar of African culture and art, art in general, and the visual arts. His fields of expertise include the Kingdom of Benin, rituals of kinships, Benin brass, effigies, and architecture. A noted photographer, he recently completed the gift of 20,000 of his photographic images to the Smithsonian Institution's National Museum of African Art. Dr. Nevadomsky is a prolific writer, with at least 12 recent contributions to journals/volumes which include *Minorities and Politics in Nigeria*; *Museum Anthropology*; *African Arts*; *Emotan: Journal of Art and Culture*; *Benin: Rise and Fall of the Empire of Noble Bronzes*; *African Archaeology Review*; and *Culturologia*. Some of the titles of his recent publications include "Benin Art and Casting Technologies"; "An Ethnographic and Space Syntax Analysis of Benin Kingdom Nobility Architecture"; and "Sacred Rituals of Kingship in the Late 20th Century Former Kingdom of Benin."

**Dr. Kathleen Preston, Department of Psychology**

Dr. Preston's expertise is Item Response Theory and she has demonstrated evidence of rapidly becoming a recognized leader in this area. Specifically, she has been instrumental in the development, elaboration, and unique applications of the Nominal Response Model. She published eight peer-reviewed journal articles in the past three years and contributed a chapter to the recently published *Handbook of Item Response Theory Modeling*, which is characterized as seminal in the field. She was invited to offer statistical workshops on Item Response Theory (2014) and Structural Equation Modeling (2015) at annual meetings of the Western Psychological Association. Nationally, she was honored with the opportunity to present her research program at the Fifth PROMIS Psychometric Summit to members of the FDA, CDC, NIH, and other governmental agencies in 2014. She has given seven invited talks, five symposia, and 48 conference presentations, nearly 90 percent of which incorporated students as co-authors.





**Dr. Nancy L. Segal, Department of Psychology**

Dr. Nancy L. Segal is a Professor and Founder/Director of the Twin Studies Center in CSUF's Psychology Department. Dr. Segal has authored 35 scientific publications in peer-reviewed journals and 5 book chapters in scholarly volumes, several with student co-authors. She received the 2013 William James Book Award for *Born Together-Reared Apart: The Landmark Minnesota Twin Study*, a world-famous project on separated twins. She set a new *Guinness World Record* for reuniting twins who had been apart for 78 years. Her participation as a researcher/interviewee in *Twinsters*, helped shape the documentary into an award-winning memoir of reunited twin sisters. She is currently writing two books (Elsevier and St. Martin's Press) and is currently an invited visiting professor at the University of Sao Paulo and Federal University in Natal, both in Brazil.

**Dr. Nicole Seymour, Department of English, Comparative Literature, and Linguistics**

Dr. Seymour is a dedicated scholar with a rapidly growing reputation in the field of Environmental Humanities and Queer Ecology. In the two years she's been at CSUF, Dr. Seymour has published, or had accepted for publication, several journal articles and book chapters. She is also currently working on two book projects, one of which (*Kelly Reichardt: Emergency and the Everyday*) is under contract with the University of Illinois Press's Contemporary Film Directors series. In 2015, her first book, *Strange Natures: Futurity, Empathy, and the Queer Ecological Imagination* (University of Illinois, 2013), won the prestigious Scholarly Book Award from the Association for the Study of Literature and the Environment (ASLE), the major scholarly organization in her field. Dr. Seymour is currently working on a second book, *Bad Environmentalism: Affective Dissent in the Ecological Age*. Since coming to CSUF, Dr. Seymour has also completed a number of book reviews, presentations at national and international conferences, and invited talks.

**Dr. Lisa Tran, Department of History**

In the last few years, Dr. Lisa Tran has published two peer-reviewed scholarly articles ["Ceremony and the Definition of Marriage under Republican Law" which appeared in *Research from Archival Case Records: Law, Society, and Culture in China*, edited by Philip C.C. Huang and Kathryn Bernhardt (Brill) and "Adultery, Bigamy, and Conjugal Fidelity: The ABC's of Monogamy in Republican China," (*Twentieth-Century China* 36:2 (May 2011))] and a book, *Concubines in Court: Monogamy and Law in Twentieth-Century China*. To fund her research, Dr. Tran received an ACLS fellowship. Taken collectively, Tran's work is fundamentally revising some very important ideas about women and the family in China over the course of the twentieth century.

**Dr. J. Chris Westgate, Department of English, Comparative Literature, and Linguistics**

Dr. Westgate's second book, *Staging the Slums, Slumming the Stage* was published in 2014 as part of the Palgrave Studies in Theatre and Performance History Series. In it, Dr. Westgate draws on archival research, cultural history, and reception theory to analyze the role of slum plays in the production of broader cultural ideas about the "slum" and "slumming." Dr. Westgate also continues to publish journal articles and book reviews in top journals in his field, and to give presentations at national and international conferences.

**Dr. Susie Woo, Assistant Professor, Department of American Studies**

Susie Woo's research into transpacific adoption has recently been published in the flagship journal of American Studies, *The American Quarterly*, as well as in the *Amerasia Journal*, and a forthcoming volume edited by leading scholars of Pacific history. She has contributed widely to the profession as part of the editorial board for the journal *American Studies: Eurasian Perspectives*, selection committee for the American Council of Learned Societies postdoctoral initiative, as well as the Mellon Fellowship, conference organizer for the California American Studies Association, board member of UC Riverside's Young Oak Kim oral histories project, member of the Ethnic Studies Committee of the American Studies Association, and more. It is a particularly remarkable record of scholarship considering that she is only in her third year at CSUF. Susie's engaging, interdisciplinary, transnational, and cutting-edge research has already won accolades and wide dissemination, while her impressive breadth of invited talks and academic service promotes CSUF's reputation regionally, nationally, and internationally.



## COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

### **Dr. Joel K. Abraham, Department of Biological Science**

Dr. Abraham has developed a strong research program in the field of biology education. In the past three years he has published three peer-reviewed articles and received four speaking invitations to seminars and conferences. His scholarly activity has led to the development and implementation of concept inventories and computer-based interactive learning tools. The *Dominance Concept Inventory* and *Genetic Drift Inventory* represent significant and much needed contributions to the assessment of undergraduate student learning.

Dr. Abraham is PI on a CSU/Bechtel grant for training of future elementary teachers, and co-PI on the USDA funded U-ACRE program that combines undergraduate research and community outreach to enhance sustainable urban agriculture and food security. He has mentored five graduate and nine undergraduate students during the past three years resulting in eleven poster presentations and five student-authored papers submitted to *Dimensions*, the journal of undergraduate research for CNSM.

### **Dr. Scott Annin, Department of Mathematics**

In 2014, Dr. Annin was awarded a \$600,000 National Science Foundation grant GRAM (Graduate Readiness and Access in Mathematics). The program supports underrepresented mathematics majors aspiring to earn a graduate degree in the mathematical sciences. The program's GRAM Scholars will engage in undergraduate research, GRE preparation, and workshops about mathematical communication, problem solving, and graduate school. As part of the program, GRAM Scholars will travel to conferences to present their work, and they will visit prospective graduate schools. In 2015, Dr. Annin published two books. The first, *A Gentle Introduction to the American Invitational Mathematics Exam* (published by M.A.A Press), aligns with the Mathematical Association of America's (MAA) high school math competition series and provides a resource for study by contestants and mentors. Second, Dr. Annin co-authored the fourth edition of *Differential Equations and Linear Algebra* (published by Pearson), a text widely adopted by institutions across the country.

### **Dr. Kristy Forsgren, Department of Biological Science**

Dr. Forsgren joined CSUF in 2011 and hit the ground running by quickly establishing her laboratory and taking on multiple research students. Dr. Forsgren's research is focused on the reproductive physiology and endocrinology of fishes and ecotoxicology. Since 2012 she has published five peer-reviewed articles and co-authored an article with an undergraduate student in the NSM research journal *Dimensions*. In addition, she received a development grant from NSF and a seed grant from the CSU-COAST program, and has submitted several other extramural proposals. To date Dr. Forsgren has mentored 20 undergraduate and master's students, guiding them to present their results at national, regional and on-campus conferences, where her students have won seven awards. Moreover, she has established research collaborations with other marine biologists in the department, and her outreach initiatives have built connections with local aquariums and high schools.



**Dr. John Haan, Department of Chemistry and Biochemistry**

Dr. John Haan continues to be engaged in research activities. Currently, his laboratory is investigating 1) catalysts for fuel cell technology, 2) conversion of carbon dioxide to energy, and 3) paper-microfluidic energy production (in part funded by the Petroleum Research Fund). He continues to train and mentor undergraduate and graduate students (more than 40 over the past three years) many of whom have presented at regional and national conferences. Some of the recent graduates from his laboratory are currently (or will be) pursuing graduate degrees at the University of Illinois, UC Riverside, San Diego State University, and CSUF. Several other students are currently in professional schools (pharmacy, medicine). One of Dr. Haan's former students, Brenna Biggs, who graduated from CSUF in 2015 with a bachelor's degree in chemistry, will present "A Sustainable Alternative Energy Device to Convert Carbon Dioxide to Power" in April at the Posters on the Hill event, part of the Council on Undergraduate Research program, in Washington, D.C. The program aims to provide research opportunities for institutions serving undergraduate students. Dr. Haan also continues to publish his research efforts with undergraduate and graduate student co-authors. Most recently his application oriented research has led to a total of 5 publications in *Fuel Cells*, *ChemSusChem*, *Electrophoresis*, and *Fuel Cell Science & Technology*. His fundamental projects were published (4 total) in *Electrochimica Acta*, and *Applied Catalysis B*.

**Dr. Cherie Ichinose, Department of Mathematics**

During the past three years Dr. Ichinose has had four manuscripts published or accepted in peer-reviewed journals in mathematics education, including two during this past year. In addition, Dr. Ichinose has been Principal Investigator or co-PI on grant projects totaling more than \$300,000. Dr. Ichinose has emerged as a leader in the CSU for her work in flipped and online classes and has received funding from the Office of the Chancellor to create video modules for college algebra and pre-calculus. Both of these courses are considered "bottleneck" courses for students, not only at CSUF, but in the CSU and across the nation, making the research and dissemination efforts associated with this work all the more important. Although she is currently an assistant professor, Dr. Ichinose's scholarly accomplishments and academic leadership reflect those of a highly effective senior faculty member.

**Dr. Veronica Jimenez Ortiz, Department of Biological Science**

Dr. Jimenez Ortiz joined Cal State Fullerton in August 2013. Her research focuses on how *Trypanosoma cruzi*, a microbial parasite, infects humans and causes Chagas disease. She came to our campus with a prestigious and highly competitive NIH K99/R00 Pathway to Independence Grant. She has published 19 peer-reviewed articles (2004-2015), mostly in high impact journals. Veronica is an expert scientific content reviewer for six peer-reviewed journals. She is also an advisor for CNSM's Center for Applied Biotechnology and CSUF's "Spanish for Health Services" student club. Over the last two years, she has established a strong research program at CSUF and has mentored six undergraduates, three Master's student and one post-doctoral fellow. Her CSUF students have presented their research at nine local or international meetings. Her leadership has created opportunities for our students to learn cutting-edge research approaches in cell and molecular parasitology.



**Dr. Geoffrey Lovelace, Department of Physics**

Dr. Lovelace is a member of the Gravitational Wave Physics and Astronomy Center (GWPAC) here at CSUF. His specialty is in computational gravitational wave physics, specifically the dynamics of black hole and neutron star collisions. His work is a key component of the international LIGO consortium, which recently made headlines around the world for the first direct observation of gravitational waves. Dr. Lovelace’s work played a key role in the recent article in *Physical Review Letters* announcing the first observation of gravitational waves; Dr. Lovelace and his students performed and coordinated numerical simulations of the detection that helped identify the source of the observed gravitational waves, and served as part of the small team that created the key first figure in the paper. Dr. Lovelace already has more than fourteen publications in peer-reviewed papers since coming to CSUF four years ago. This not only exceeds department expectation, it is greater than the entire scholarly output of entire departments. I am pleased to note that three of these publications include student co-authors. Finally, Dr. Lovelace has been PI or Co-PI on numerous external grant proposals worth almost \$1.3 million, including the Co-PI (along with Jocelyn Read and Josh Smith) of a recently awarded \$940,000 NSF PAARE grant in partnership with Citrus College and Syracuse University to build a pipeline for underrepresented students with an interest in the new discipline of “Gravitational Wave Astronomy”.

**Dr. James Parham, Department of Geological Sciences**

Since joining CSUF in 2013, Dr. Parham has successfully developed a new long-term research plan involving Orange County fossils from the John D. Cooper Center. His student-based paleontology laboratory produced research that resulted in 14 co-authored publications, 7 successful intramural and external grants totaling \$570,935 (PI and Co-PI), 6 student theses (graduate and undergraduate) and 1 postdoctoral student. His research findings routinely draw local and national attention. To date, Discovery News, National Geographic, OC register, and NPR reported on Parham’s findings and on-going student-based research projects. He currently continues to mentor 1 graduate and 4 undergraduate students – all of which work on unraveling Orange County’s fossil history. In addition to Parham’s Orange County work, he maintains scientific collaborations globally. As a result of his collaborations, Parham co-developed an online database that bridges biology and geology and significantly advances the field of dating speciation events.

**Dr. Jocelyn Read, Department of Physics**

Dr. Read serves as the Associate Director of the Gravitational Wave Physics and Astronomy Center (GWPAC) in the department of Physics here at CSUF. Her specialty is in astrophysics, specifically neutron star dynamics and gravitational wave physics. She is part of the international LIGO consortium that recently made headlines around the world for the first direct observation of gravitational waves. Dr. Read already has several publications in peer-reviewed papers, including several additional publications with student co-authors either in review or in draft form. Dr. Read has also been extraordinarily busy presenting her work in talks, presentations, or symposia, with over 27 invited presentations. Finally, Dr. Read has been PI or Co-PI on numerous external grant proposals worth almost \$1.3 million, including the PI a recently awarded \$940,000 NSF PAARE grant in partnership with Citrus College and Syracuse University to build a pipeline for underrepresented students with an interest in the new discipline of “Gravitational Wave Astronomy” that Dr. Read is helping to establish.



**Dr. Josh Smith, Department of Physics**

Dr. Smith serves as the Director of the Gravitational Wave Physics and Astronomy Center (GWPAAC), in the department of Physics. He is renowned for his work with the international LIGO consortium, which recently made headlines around the world for the first direct observation of gravitational waves. In addition to serving as the Director of GWPAAC here at CSUF, Dr. Smith also served as the Chair of the key “detector Characterization Working Group” for LIGO, and was one of the six lead co-editors of the recent article in *Physical Review Letters* announcing the first observation of gravitational waves. This remarkable paper included hundreds of contributions from more than 1000 coauthors, and will undoubtedly become one of the most cited physics papers in this century. Dr. Smith has been awarded over \$2.5 Million to fund his work in gravitational wave physics, including a \$450,000 National Science Foundation Career Grant – the highest NSF honor for research and teaching awarded to early-career faculty.

**Dr. Bogdan Suceavă, Department of Mathematics**

Over the past three years Dr. Suceavă has maintained an outstanding record of peer-reviewed publication in top ranked journals and conference proceedings. Many of these publications include undergraduate CSUF coauthors. The research in these papers explores in depth the idea of curvature, from its birth, in the 14th century, to its various contemporary interpretations. Of particular importance is the paper *On Strongly Minimal Kähler Surfaces in  $C^3$  and the Equality  $scal(p) = 4 \inf sec(\pi)$*  published in *Results in Mathematics*, which studies the problem of the best possible immersion in Kaehlerian context. The work with CSUF students gave birth to a new class of submanifolds: the absolute umbilical hypersurfaces. Another publication *A Medieval Mystery: Nicole Oresme’s Concept of Curvitas*, (with CSUF undergraduate Isabel Serrano) appeared in the *Notices of the American Mathematical Society*. The Notices is the world’s most widely read mathematical journal with a readership of approximately 30,000.